A8050-3
2/19/82

statistical

REPORT
October 9, 1981

U.S. FOREIGN TRADE IN MACHINE TOOLS
1ST SIX MONTHS 1981

A strengthening of U.S. machine tool exports combined with a loss of import momentum has led to a substantial reduction in the U.S. machine tool trade deficit during the first half of 1981. Second quarter imports fell 6% from the previous quarter to a total of $352.4 million. U.S. exports increased 15% from the first quarter to a second quarter total of $310.7 million. After the first six months 1981, the U.S. machine tool deficit stands at $146.4 million -- a $213.8 million deficit in metal cutting types offset by a $67.4 million surplus in metal forming types. The current trade deficit is 42% lower than the $250.6 million deficit at the end of June last year. Year-to-date exports of $581.0 million represent a 61% increase over the first six months of 1980 while machine tool imports have risen 19% over the same period to a 6-month total of $727.5 million.

U.S. Machine Tool Trade
($Millions)

2nd Qtr. 1981	Exports	Imports	Surplus (Deficit)
Metal Cutting	$228.3	$309.5	($ 81.2)
Metal Forming	$ 82.4	$ 42.9	$ 39.5
Total	$310.7	$352.4	($ 41.7)
6 Mos. 1981			
Metal Cutting	$419.3	$633.1	($213.8)
Metal Forming	$161.8	$ 94.4	$ 67.4
Total	$581.0	$727.5	($146.4)

EXPORTS

Compared to the first six months of 1980, metal cutting and metal forming type exports rose, 88% and 17%, respectively. Comparison on a regional basis shows increased exports to all regions for 1981.

national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

	Jan-June 1981 (Millions)	Jan-June 1980 (Millions)	% Change
N & C America	$305.3	$125.0	+144.2
Europe	119.7	110.5	+ 8.3
Asia	98.8	82.4	+ 19.9
South America	32.2	30.6	+ 5.2
Africa	12.8	6.9	+ 85.5
Oceania	12.1	6.1	+ 98.4
	$581.0	$361.5	+ 60.7

Exports to eight countries represented 72% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading export markets were:

	Jan-June 1981 $ Mil.	% of Total	Jan-June 1980 $ Mil.	% of Total	%Change 81:80 Dollar Value
Canada	$153.2	26.4%	$ 66.1	19.3%	+131.8
Mexico	149.2	25.7	55.8	15.4	+167.4
United Kingdom	31.8	5.5	32.7	9.0	- 2.8
Japan	29.5	5.1	28.5	7.9	+ 3.5
West Germany	16.3	2.8	12.1	3.3	+ 34.7
France	15.5	2.7	10.0	2.8	+ 55.0
U.S.S.R.	12.3	2.1	10.9	3.0	+ 12.8
Australia	11.7	2.0	5.2	1.4	+125.0
	$419.5	72.3%	$221.3	61.1%	+ 89.6

Canada continued to be the leading market for U.S. machine tools during the first six months of 1981. The year-to-date metal cutting total of $127.1 million represents almost three times the metal cutting total for the same period last year. Metal forming exports increased 45% to a total of $26.1 million for the first half of 1981.

Mexico's share of total U.S. exports rose substantially from 15% in the first six months of 1980 to a 1981 share of 26%. Metal cutting exports were $118.6 million, over three times the total for the first half of 1980. Metal forming exports were also up, 27% higher than over the same period last year.

U.S. exports to the United Kingdom declined 3% as compared to mid-year 1980 totals. While metal forming exports rose 20% during the first six months of 1981, metal cutting type exports dropped 12%.

U.S. exports to Japan were approximately $10 million higher than the total for the first six months of 1980, with metal cutting and metal forming shipments of $22.3 million and $7.2 million, respectively.

West Germany showed a significant increase in imports of metal cutting type machine tools, from $7.4 million for the first half of 1980 to $13.1 million for the current year. Metal forming exports declined, however, from $4.6 million to $3.2 million.

Machine tool exports to France were up 55% from the first six months of 1980 to $15.5 million. Exports of metal cutting machine tools accounted for all of the increase, registering $10.5 million; more than double the mid-year 1980 level. Exports of metal forming types were $5.0 million, down 3% from the first six months of last year.

In the first half of 1981, machine tool exports to the U.S.S.R. increased 12% to $12.3 million. Virtually all the machines exported were metal cutting types; which, valued at $12.2 million, were up 40% from the same period last year.

Australia ranked as the eighth leading export market for machine tools in the first half of 1981. Total machine tool exports reached $11.7 million, more than double exports for the same period last year. Due to increased shipments of milling machines, metal cutting exports more than tripled, bringing metal cutting exports to $8.0 million. Exports of metal forming types rose 13%, reaching $3.7 million.

IMPORTS

During the first six months of 1981, U.S. imports of machine tools reached $633.1 million for metal cutting types and $94.4 million for metal forming types. Compared to the same period last year, metal cutting imports increased 28% while metal forming imports fell 19%. Total imports of $727.5 million during the first half of 1981 are equivalent to 56% of the total machine tool imports during all of 1980.

Four countries supplied 75% of total U.S. machine tool imports during the first half of 1981. Significant increases occurred both in dollar value and individual country share for Japan. Shares for West Germany and Taiwan declined compared to the same period last year, while the share of U.S. imports from the United Kingdom increased slightly.

	Jan-June 1981 $ Mil.	% of Total	Jan-June 1980 $ Mil.	% of Total	%Change 81:80 Dollar Value
Japan	$328.6	45.2%	$237.7	38.8%	+38.2%
West Germany	96.6	13.3	104.4	17.1	- 7.5
United Kingdom	73.9	10.2	58.1	9.5	+27.2
Taiwan	45.9	6.3	44.1	7.2	+ 4.1
	$545.0	75.0%	$444.3	72.6%	+22.7%

Metal cutting imports from Japan increased 46% over the first half of 1980, reaching $300.6 million during the first six months of 1981. Lathes comprised 48% of the metal cutting total. Metal forming imports totaled $28.0 million, a decline of 12% from the six-month 1980 level.

West Germany remained the second largest exporter of machine tools to the U.S. with $73.6 million in metal cutting types and $23.0 million in metal forming types. Compared to the first six months of 1980, cutting imports rose 8% and metal forming imports declined 37%. The overall dollar value of Germany's exports fell 7.5% from the same period last year.

U.S. imports from the United Kingdom represented approximately 10% of the six-month total for 1981. The $67.1 million in metal cutting type imports represents a 35% increase over the same period last year. Metal forming imports from the U.K. declined 19% to $6.8 million.

Virtually all of the machine tools imported from Taiwan were metal cutting types - $45.7 million during the first six months of this year. This is only slightly above the total of last year for the same period. Machines valued under $2,500 accounted for 48% of the total.

* * *

RELEASED: October 9, 1981

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

		TOTAL YTD		TOTAL MO.		AUSTRIA		BELGIUM	
674:	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	Gear Hobbers	96	9899	9	386	-	-	-	-
3035	Gear Shapers	8	1083	2	159	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	10	1627	3	227	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	485	37455	84	6087	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	69	9874	8	1298	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	174	21229	25	2192	-	-	-	-
3211	Machining Centers, NC, N.E.C.	163	16387	29	3158	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	14	3382	1	284	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2709	2	206	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	20	3317	4	868	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	106	10052	9	901	-	-	-	-
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1019	8158	128	893	-	-	-	-
3228	Drilling Machines,NC	8	489	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	23	2701	5	480	-	-	-	-
3234	Drilling Machines, Radial, non-NC	674	5469	103	742	-	-	-	-
3236	Drilling Machines, Upright, Single Spindle, non-NC	131	790	3	24	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	202	4272	24	587	-	-	-	-
3264	Milling Machines, NC	218	16656	39	1759	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	155	2992	23	205	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2156	15464	387	3070	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	287	8788	30	631	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2207	22042	304	2769	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	21	2727	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	124	4368	14	925	-	-	-	-
3281	Boring Machines, NC, N.E.C.	9	3473	3	346	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	184	8815	17	1592	-	-	-	-
3507	Horizontal Lathes, NC, Less Than 25 HP	984	63990	159	10140	-	-	-	-
3509	Horizontal Lathes, NC, 25-50 HP	595	54607	81	7730	-	-	-	-
3511	Horizontal Lathes, NC, Over 50 HP	121	15319	16	2172	-	-	-	-
3512	Horizontal Engine & Toolroom Lathes, non-NC	3929	36242	694	6253	1	4	-	-
3513	Automatic Chucking Lathes, Single Spindle, non-NC	52	2667	10	519	-	-	-	-
3514	Automatic Chucking Lathes, Multi-Spindle, non-NC	29	4085	4	495	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	171	3857	30	515	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	80	6047	11	190	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	371	11956	68	2539	-	-	-	-
3521	Vertical Lathes, excl. VTL's, NC	122	12570	11	738	-	-	-	-
3522	Vertical Lathes, excl. VTL's, non-NC	1242	23642	86	3555	-	-	-	-
3527	Gear Tooth Grinding & Finishing Machines	56	5249	13	431	-	-	-	-
3528	Tool & Cutter Grinding Machines, NC	59	3880	4	287	-	-	-	-
3529	Tool & Cutter Grinding Machines, non-NC	537	9319	69	965	-	-	-	-
3533	Honing & Lapping Machines	96	4712	5	470	-	-	-	-
3539	Grinding Machines, Flat Surface, NC	26	2488	-	-	-	-	-	-
3541	Grinding Machines, Flat Surface Reciprocating Table,non-NC	304	6282	28	653	-	-	-	-
3543	Grinding Machines, Flat Surface, non-NC, N.E.C.	695	15113	82	2026	-	-	-	-
3546	Grinding & Polishing Machines, NC, N.E.C.	14	1464	3	141	-	-	-	-
3554	External Grinding Machines, non-NC	312	14752	50	2691	-	-	8	379
3556	Internal Grinding Machines, non-NC	41	2425	3	88	-	-	-	-
3558	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	104	3942	16	572	-	-	-	-
3559	Grinding Machines, non-NC, N.E.C.	450	10962	58	725	-	-	-	-
3562	Traveling Wire Electrical Discharge Machines	187	11416	27	2037	-	-	-	-
3564	All Other Electrical Discharge Machines	99	5020	3	220	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	64	2361	11	615	-	-	10	602
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	50	967	7	52	-	-	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	17	573	1	30	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	655	7311	141	1986	-	-	-	-
3578	Broaching Machines, non-NC	30	3474	20	1271	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	344	8585	67	1362	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2129	21139	353	4709	-	-	34	349
5000	Metal Cutting Machine Tools, Less Than $2500*	376161	32359	78486	5707	232	61	3	5
	TOTAL CUTTING			81873	91656	233	66	55	1334
	TOTAL CUTTING YTD	398698	633052			634	891	251	4504
674:	METAL FORMING								
1010	Die Casting Machines	80	2221	3	148	1	99	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	322	2385	74	350	-	-	-	-
3583	Metal Forming Machine Tools, Less Than $2500	8449	2062	1329	264	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	141	15050	11	1585	-	-	-	-
3586	Shearing Machines, non-NC	368	6195	55	753	-	-	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	353	5247	42	611	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	8	804	1	12	-	-	-	-
3589	Press Brakes, non-NC	221	3664	45	642	-	-	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	119	3715	13	891	-	-	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	468	7367	98	1563	-	-	1	105
3593	Metal Forming Machine Tools, NC, N.E.C.	9	1290	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	73	6015	7	469	-	-	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	53	2775	13	871	-	-	1	15
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	172	11739	40	1532	-	-	-	-
3597	Headers & Upsetters, non-NC	98	6298	13	1251	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	19	1125	6	46	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	536	16439	62	1269	-	-	-	-
	TOTAL FORMING			1812	12259	1	99	2	120
	TOTAL FORMING YTD	11489	94409			2	101	76	4368
	TOTAL ALL TYPES			83685	103945	234	164	57	1454
	TOTAL ALL TYPES YTD	410187	727461			636	992	327	8873

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding.
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.

*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

674	CZECHO.		DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	2	70	-	-	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3223	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	1	10	-	-	-	-	-	-	6	81	-	-	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	-	-	1	9	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	1	36	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	4	27	-	-	-	-
3268	-	-	-	-	-	-	-	-	1	48	-	-	-	-
3269	3	47	-	-	2	26	-	-	2	15	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	2	107	-	-	-	-	-	-	3	469	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	3	38	-	-	-	-	1	15	-	-	-	-
3507	-	-	-	-	-	-	8	369	2	97	-	-	-	-
3509	-	-	-	-	-	-	3	161	1	127	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	15	58	-	-	-	-	1	38	3	77	-	-	-	-
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3521	-	-	-	-	-	-	-	-	1	20	-	-	-	-
3522	6	31	-	-	-	-	1	3	3	304	-	-	-	-
3527	-	-	-	-	1	34	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	1	53	-	-	-	-
3529	1	3	1	5	-	-	-	-	1	24	2	57	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3543	-	-	-	-	-	-	-	-	2	42	1	14	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	2	95	-	-	-	-	-	-	3	78	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	4	31	1	44	-	-	-	-	-	-	1	18	-	-
3559	-	-	6	59	-	-	-	-	4	90	-	-	-	-
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	1	14	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	-	-	2	24	2	46	-	-	-	-
3579	-	-	-	-	1	11	1	4	1	5	2	27	-	-
4000	8	106	-	-	7	54	1	883	8	73	11	90	-	-
5000	1	2	6	6	-	-	176	25	239	99	-	-	-	-
CUT NO.	45	520	17	153	11	125	194	1515	290	1794	17	206	-	-
CUT TTD	293	2972	430	884	89	1654	1640	9886	2257	18214	381	2360	12	61
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	1	2	6	5	2	4/	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3586	-	-	11	66	-	-	3	43	-	-	2	25	-	-
3587	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	1	56	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	4	57	-	-	-	-
3592	-	-	-	-	-	-	7	103	24	258	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	1	7	-	-	-	-	3	26	-	-	-	-
3596	-	-	-	-	-	-	-	-	5	278	-	-	-	-
3597	-	-	-	-	-	-	-	-	2	106	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	-	-	2	9	12	268	-	-	1	96
PRH NO.	-	-	12	73	-	-	14	303	96	997	4	26	2	96
PRH TTD	-	-	66	1138	2	11	304	1675	752	6370	17	193	6	234
TOT NO.	45	520	29	226	11	125	208	1818	346	2794	21	232	2	96
TOT TTD	293	2972	496	2022	91	1665	1944	11561	3009	24585	398	2553	18	295

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1961

674	POLAND		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	1	21	2	135	2	107
3035	-	-	-	-	-	-	-	-	-	-	2	159	-	-
3045	-	-	-	-	-	-	-	-	-	-	2	11	1	216
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	1	26	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	1	284	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	-	-	-	-	1	287	-	-
3222	-	-	-	-	-	-	-	-	-	-	1	263	-	-
3223	1	219	-	-	7	31	-	-	-	-	1	93	6	295
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	2	8	-	-	-	-	2	423	1	50
3234	-	-	-	-	-	-	-	-	-	-	4	28	-	-
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	-	-	9	31	1	3	-	-	1	5	2	38
3264	-	-	-	-	1	99	1	119	1	52	17	943	-	-
3266	-	-	-	-	-	-	1	44	1	19	1	21	3	69
3267	-	-	-	-	221	1231	3	76	-	-	48	259	9	75
3268	-	-	-	-	-	-	1	100	-	-	-	-	1	3
3269	-	-	-	-	8	74	3	95	5	503	6	636	2	194
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	1	122	1	25	1	50
3281	-	-	-	-	-	-	-	-	-	-	3	346	-	-
3283	-	-	-	-	-	-	-	-	-	-	4	560	5	571
3507	-	-	-	-	-	-	-	-	-	-	-	-	1	89
3509	-	-	-	-	-	-	3	348	-	-	-	-	-	-
3511	-	-	-	-	-	-	1	102	-	-	-	-	-	-
3512	13	503	-	-	11	327	1	46	-	-	134	1146	22	210
3513	-	-	-	-	-	-	-	-	-	-	2	172	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	4	495
3515	-	-	-	-	-	-	-	-	7	145	3	29	11	151
3516	-	-	-	-	-	-	-	-	-	-	1	138	-	-
3518	-	-	-	-	2	15	-	-	3	123	15	373	4	457
3521	-	-	-	-	-	-	-	-	-	-	-	-	1	113
3522	-	-	-	-	1	8	-	-	-	-	6	490	8	1279
3527	-	-	-	-	-	-	-	-	2	6	2	131	7	125
3528	-	-	-	-	-	-	-	-	-	-	-	-	3	235
3529	-	-	-	-	-	-	1	6	8	68	1	7	22	629
3533	-	-	-	-	-	-	-	-	-	-	3	11	2	459
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	2	117	-	-	11	313
3543	-	-	-	-	2	7	-	-	5	120	12	231	19	1075
3546	-	-	-	-	-	-	-	-	1	30	-	-	2	111
3554	-	-	-	-	1	30	-	-	10	1263	10	469	2	159
3556	-	-	-	-	-	-	-	-	-	-	-	-	1	29
3558	-	-	-	-	-	-	-	-	1	73	2	27	5	122
3559	-	-	-	-	1	20	-	-	2	137	3	42	11	265
3562	-	-	-	-	-	-	-	-	1	76	-	-	-	-
3564	-	-	-	-	-	-	-	-	1	138	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	2	6
3576	-	-	-	-	1	30	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	-	-	1	26	32	126	52	794
3578	-	-	-	-	-	-	-	-	-	-	20	1271	-	-
3579	-	-	-	-	1	16	1	6	18	246	14	183	4	344
4000	3	22	-	-	-	-	3	52	29	185	173	1705	58	895
5000	-	-	-	-	47	20	49	62	12	17	543	248	126	135
CUT MO.	17	744	-	-	315	1946	69	1057	113	3772	1073	11019	411	10157
CUT YTD	478	6917	101	349	1762	11849	937	9535	2024	33997	5443	67084	10744	73609
1010	-	-	-	-	-	-	-	-	-	-	1	19	-	-
3582	1	1	-	-	-	-	1	7	1	90	49	145	20	96
3583	-	-	-	-	6	2	11	20	21	20	17	15	135	34
3584	-	-	-	-	-	-	-	-	3	372	-	-	2	592
3586	-	-	-	-	-	-	-	-	-	-	5	62	11	84
3587	-	-	-	-	6	82	-	-	3	114	1	13	29	307
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3591	-	-	-	-	-	-	8	181	-	-	1	694	-	-
3592	-	-	-	-	-	-	-	-	-	-	6	53	21	490
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	2	173	-	-
3595	-	-	-	-	1	435	-	-	2	276	-	-	1	45
3596	-	-	-	-	2	50	-	-	-	-	3	391	1	84
3597	-	-	-	-	-	-	-	-	-	-	-	-	8	896
3598	-	-	-	-	-	-	-	-	5	41	-	-	-	-
3599	1	8	-	-	-	-	2	28	6	147	3	164	7	129
FRM MO.	2	9	-	-	15	569	22	196	41	1061	88	1728	235	2758
FRM YTD	2	9	-	-	73	1624	277	3393	289	7695	779	6788	1344	23021
TOT MO.	19	753	-	-	330	2514	91	1253	154	4834	1161	12747	646	12915
TOT YTD	480	6925	101	349	1835	13473	1214	12928	2313	41692	6222	73872	12088	96630

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

674	YUGOSLAVIA		CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	-	-	-	-	-	-	2	52
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	84	6087	-	-	-	-	-	-
3206	-	-	-	-	-	-	8	1298	-	-	-	-	-	-
3209	-	-	-	-	-	-	24	2166	-	-	-	-	-	-
3211	-	-	-	-	-	-	29	3158	-	-	-	-	-	-
3212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	2	206	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	3	581	-	-	-	-	-	-
3222	-	-	-	-	-	-	5	477	-	-	-	-	3	167
3223	-	-	-	-	-	-	5	213	108	42	-	-	-	-
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3234	-	-	-	-	-	-	41	396	45	189	-	-	6	38
3236	-	-	1	10	-	-	1	11	1	3	-	-	-	-
3242	1	139	1	3	-	-	3	277	5	83	-	-	-	-
3264	-	-	-	-	-	-	18	510	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	17	53	-	-	-	-
3267	-	-	64	917	-	-	10	246	11	39	-	-	17	201
3268	-	-	-	-	-	-	11	418	16	62	-	-	-	-
3269	-	-	1	4	-	-	7	219	250	806	-	-	15	150
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	1	82	4	19	-	-	1	52
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	4	408	-	-	-	-	-	-
3507	-	-	-	-	-	-	139	9518	9	67	-	-	-	-
3509	-	-	-	-	-	-	74	7095	-	-	-	-	-	-
3511	-	-	-	-	-	-	15	2070	-	-	-	-	-	-
3512	6	51	10	128	-	-	23	426	276	1698	-	-	178	1541
3513	-	-	-	-	-	-	6	262	2	85	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	7	178	2	12	-	-	-	-
3516	-	-	-	-	-	-	-	-	10	52	-	-	-	-
3518	-	-	-	-	10	26	19	1449	13	68	-	-	2	28
3521	-	-	4	215	-	-	5	390	-	-	-	-	-	-
3522	-	-	3	130	1	17	17	917	27	137	-	-	13	238
3527	-	-	-	-	-	-	-	-	-	-	-	-	1	135
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	4	63	26	92	-	-	2	12
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3539	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	5	77	-	-	-	-	10	146
3543	2	149	2	33	-	-	23	185	4	18	-	-	10	157
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	3	177	6	32	-	-	5	49
3556	-	-	-	-	-	-	2	59	-	-	-	-	-	-
3558	-	-	-	-	-	-	2	257	-	-	-	-	-	-
3559	-	-	-	-	-	-	11	43	20	109	-	-	-	-
3562	-	-	-	-	-	-	26	1960	-	-	-	-	-	-
3564	-	-	-	-	-	-	1	73	1	9	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3571	-	-	3	35	-	-	2	11	-	-	-	-	-	-
3576	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3577	-	-	-	-	-	-	44	938	8	33	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3579	-	-	-	-	5	90	19	430	-	-	-	-	-	-
4000	-	-	4	131	-	-	12	107	1	3	1	54	-	-
5000	-	-	292	50	-	-	4477	588	72200	4299	-	-	83	91
CUT MO.	9	339	385	1654	16	132	5192	44020	73062	8005	1	54	348	3056
CUT YTD	192	2519	1812	13515	90	744	34944	300595	331404	45688	3	70	2797	25096
1010	-	-	1	30	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	2	11	-	-	-	-	-	-
3583	-	-	253	40	-	-	55	34	820	88	-	-	2	3
3584	-	-	-	-	-	-	6	621	-	-	-	-	-	-
3586	-	-	5	185	-	-	17	268	-	-	-	-	1	21
3587	-	-	-	-	-	-	3	95	-	-	-	-	-	-
3588	-	-	1	12	-	-	-	-	-	-	-	-	-	-
3589	-	-	13	233	-	-	31	353	-	-	-	-	-	-
3591	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3592	-	-	22	224	-	-	17	281	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3594	-	-	3	51	-	-	2	145	-	-	-	-	-	-
3595	-	-	4	67	-	-	-	-	-	-	-	-	-	-
3596	-	-	9	90	-	-	17	624	-	-	-	-	3	15
3597	-	-	1	14	-	-	2	236	-	-	-	-	-	-
3598	-	-	1	4	-	-	-	-	-	-	-	-	-	-
3599	-	-	26	411	-	-	1	10	-	-	-	-	-	-
FRN MO.	-	-	339	1361	-	-	153	2736	820	88	-	-	6	38
FRN YTD	-	-	1733	7697	48	118	3569	28001	1992	196	12	13	146	1745
TOT MO.	9	339	724	3015	16	132	5345	46756	73882	8093	1	54	354	3095
TOT YTD	192	2519	3545	21212	138	862	38513	328596	333396	45884	15	83	2943	26841

JUNE 1981 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 6.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	5	42	-	-	5	42
CYPRUS	-	-	-	-	-	-
FINLAND	31	8	-	-	31	8
GREECE	-	-	-	-	-	-
HUNGARY	1	135	-	-	1	135
ICELAND	-	-	-	-	-	-
IRELAND	-	-	-	-	-	-
ROMANIA	37	693	-	-	37	693
USSR	-	-	-	-	-	-
GIBRALTAR	-	-	-	-	-	-
TOTAL	74	878	-	-	74	878
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	-	-	1	2	1	2
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	-	-	-	-	-	-
TRINIDAD	-	-	-	-	-	-
TOTAL	-	-	1	2	1	2
OTHER S. AMER						
ARGENTINA	1	64	-	-	1	64
BOLIVIA	-	-	-	-	-	-
BRAZIL	5	11	-	-	5	11
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	6	75	-	-	6	75
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	65	252	-	-	65	252
GAZA STRIP	-	-	-	-	-	-
HONG KONG	-	-	-	-	-	-
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	-	-	4	36	4	36
JORDAN	-	-	-	-	-	-
KOREAN REP.	146	1199	1	1	147	1200
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	1	2	-	-	1	2
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	56	650	-	-	56	650
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	268	2103	5	36	273	2139

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	-	-	-	-
TRUS. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	-	-	-	-	-	-
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	-	-	-	-	-	-
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

RELEASED: October 9, 1981

		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000
674:	METAL CUTTING								
3020	Gear Hobbers & Shapers	119	12819	20	2409	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	151	18094	27	3567	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	37	3368	11	772	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	13	2773	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	68	19037	6	1953	-	-	-	-
3211	Machining Centers, NC, N.E.C.	68	7895	7	1536	-	-	-	-
3216	Single Station and Multi-Station Transfer Machines	134	99257	23	8249	-	-	-	-
3225	Way Type Machines (Unit Heads)	11	1205	1	401	-	-	-	-
3245	Boris. Boring-Drilling-Milling Machines, Table Type, NC	12	7134	1	363	-	-	-	-
3246	Boris. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	27	3327	9	481	-	-	-	-
3248	Boris. Boring-Drilling-Milling Machines, non-NC	12	1233	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	452	34337	21	2964	-	-	-	-
3254	Drilling Machines, NC	15	2366	2	554	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	43	4106	8	847	-	-	-	-
3256	Drilling Machines, Radial, non-NC	25	1199	6	308	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	63	2163	12	283	-	-	-	-
3258	Drilling Machines, non-NC, N.E.C.	145	4871	16	1051	-	-	-	-
3264	Milling Machines, NC	26	7512	3	1466	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	48	5184	4	2813	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	5	269	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	11	1119	4	432	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	85	3629	8	171	-	-	-	-
3276	Vertical Boring Machines, Incl. VTL's, NC	20	4203	1	81	-	-	-	-
3277	Vertical Boring Machines, Incl. VTL's, non-NC	79	7912	10	1571	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	32	1943	4	408	-	-	-	-
3304	Horizontal Lathes, NC, Less Than 25 HP	62	6405	8	645	-	-	-	-
3306	Horizontal Lathes, NC, 25-50 HP	22	3930	2	406	-	-	-	-
3308	Horizontal Lathes, NC, Over 50 HP	7	1996	1	346	-	-	-	-
3310	Horizontal Engine & Toolroom Lathes, non-NC	120	2830	19	349	-	-	-	-
3311	Automatic Chucking Lathes, Single Spindle, non-NC	27	3642	-	-	-	-	-	-
3312	Automatic Chucking Lathes, Multi-Spindle, non-NC	30	4107	2	806	-	-	-	-
3315	Automatic Bar Machines, Single Spindle, non-NC	43	2125	7	230	-	-	-	-
3316	Automatic Bar Machines, Multi-Spindle, non-NC	53	5399	10	1048	-	-	-	-
3318	Horizontal Lathes, non-NC, N.E.C.	219	11225	40	1643	-	-	-	-
3319	Vertical Lathes, excl. VTL's, NC	13	3257	2	170	-	-	-	-
3325	Vertical Lathes, excl. VTL's, non-NC	97	8857	16	1171	-	-	-	-
3328	Grinding, Polishing, Honing & Lapping Machines, NC	73	12244	14	2312	-	-	-	-
3329	Gear Tooth Grinding & Finishing Machines, non-NC	71	12544	22	4072	-	-	-	-
3331	Tool & Cutter Grinding Machines, non-NC	236	9072	30	980	-	-	-	-
3332	Honing & Lapping Machines, non-NC	297	9932	19	289	-	-	-	-
3333	Grinding Machines, Flat Surface Reciprocating Table, non-NC	114	2051	10	225	-	-	-	-
3339	Grinding Machines, Flat Surface, non-NC, N.E.C.	113	10259	17	1484	-	-	-	-
3341	External Grinding Machines, non-NC	68	9710	11	1301	-	-	-	-
3342	Internal Grinding Machines, non-NC	17	1982	4	1076	-	-	-	-
3344	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	182	7138	25	1408	-	-	-	-
3346	Grinding Machines, non-NC, N.E.C.	427	13041	71	2111	-	-	-	-
3347	Traveling Wire Electrical Discharge Machines	27	921	5	115	-	-	-	-
3349	All Other Electrical Discharge Machines	108	2512	13	290	-	-	-	-
3351	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	1	295	-	-	-	-
3353	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	652	10	225	-	-	-	-
3399	Metal Cutting Machine Tools, NC, N.E.C.	81	2277	6	612	-	-	-	-
3565	Sawing & Cut-off Machines, non-NC	410	6917	65	1077	-	-	-	-
3566	Broaching Machines, non-NC	103	9691	13	1585	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	297	12866	83	3159	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2549	25007	1057	4785	-	-	-	-
9080	Metal Cutting Machine Tools, Less Than $2500*	24457	11472	5477	1806	-	-	293	7
	TOTAL CUTTING			7270	68753	-	-	250	7
	TOTAL CUTTING YTD	42985	419866			16	823	2383	736
674:	METAL FORMING								
1011	Die Casting Machines & Parts	-	7997	-	860	-	34	-	65
3568	Metal Forming Machine Tools, Used or Rebuilt	909	9130	86	1270	-	-	-	-
3569	Metal Forming Machine Tools, Less Than $2500	4885	3231	939	478	-	-	-	-
3571	Punching & Shearing Machines, Incl. Combination, NC	68	7996	8	575	-	-	-	-
3573	Shearing Machines, non-NC	73	4736	8	1775	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	546	12228	115	2300	-	-	1	10
3578	Bending, Folding, Straightening & Flattening Machines, NC	81	5712	8	991	-	-	2	279
3582	Press Brakes, non-NC	102	2903	6	330	-	-	-	-
3583	Bending Rolls, Nan & Press Bending Machines, non-NC	33	2114	3	85	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	409	11874	60	1495	-	-	-	-
3588	Mechanical Presses, non-NC	234	13024	29	3364	-	-	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	64	6135	20	2002	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	332	23965	48	3013	-	-	-	-
3594	Headers & Upsetters, non-NC	39	2949	4	283	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	160	7782	15	1739	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	806	29345	93	11837	-	-	-	-
	TOTAL FORMING			1433	32125	-	-	3	354
	TOTAL FORMING YTD	8685	161779			3	89	81	961
	TOTAL ALL TYPES			8705	100878	-	-	253	361
	TOTAL ALL TYPES YTD	51670	581045			19	912	2464	1697

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.
NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding
4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3301,3326 & 3564.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3302,3327 & 3597.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	DENMARK		FINLAND		FRANCE		GREECE		IRELAND		ITALY		NETHERLANDS	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	4	337	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	2	37	-	-
3264	-	-	-	-	1	502	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	1	85	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3293	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	1	20
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	1	35	-	-	2	69	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	1	8	-	-	-	-	-	-	-	-	-	-	2	15
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	1	6	-	-	-	-	2	14	-	-
3547	-	-	-	-	-	-	-	-	-	-	1	3	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3593	-	-	-	-	-	-	-	-	-	-	-	-	2	31
3599	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3545	-	-	-	-	-	-	-	-	-	-	-	-	5	54
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	3	132	-	-	4	44	1	4	3	14
4000	-	-	-	-	-	-	-	-	10	83	-	-	-	-
9000	-	-	-	-	10	2	-	-	-	-	-	-	3	1
CUT NO.	1	8	-	-	16	675	-	-	16	196	11	419	16	135
CUT IID	12	432	37	1817	304	10455	21	181	590	2640	204	5279	2765	1008
1011	-	-	-	-	-	-	-	-	-	-	-	4	-	7
3568	-	-	-	-	-	-	1	96	-	-	-	-	-	-
3569	6	2	-	-	40	14	2	2	18	16	6	1	30	6
3571	-	-	-	-	1	246	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	2	79	-	-	1	18	-	-	-	-
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	1	5	-	-	-	-	-	-	-	-
3586	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	3	107	4	678
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	2	1409	-	-	-	-
3598	-	-	-	-	5	126	-	-	-	-	2	823	-	-
FRM NO.	6	2	-	-	49	470	3	98	21	1442	11	935	34	691
FRM IID	37	647	14	395	230	5044	7	1092	41	3331	96	4687	110	1501
TOT NO.	7	10	-	-	65	1146	3	98	37	1638	22	1354	50	825
TOT IID	49	1079	51	1411	534	15499	28	1273	631	5972	300	9966	2875	2509

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	NORWAY		POLAND		ROMANIA		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	1	6	-	-	-	-	-	-	-	-	-	-	2	129
3204	-	-	-	-	-	-	-	-	-	-	-	-	1	140
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	1	197	1	255	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	2	292
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	1	96	4	199
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	2	119
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	453
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	81
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	2	122
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	4	61	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	2	10
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	1	18
3528	-	-	-	-	-	-	-	-	-	-	-	-	3	224
3529	-	-	-	-	-	-	-	-	-	-	-	-	5	43
3531	-	-	-	-	-	-	-	-	-	-	-	-	2	37
3532	-	-	-	-	-	-	-	-	-	-	1	6	6	56
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	1	17
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3546	-	-	-	-	-	-	-	-	1	6	-	-	11	209
3547	-	-	-	-	-	-	-	-	-	-	2	23	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	9	82	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	1	12
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	1	3	4	17
4000	-	-	-	-	-	-	-	-	-	-	-	-	14	68
5000	3	2	-	-	-	-	-	-	32	7	9	11	29	21
CUT MO.	4	7	-	-	-	-	4	61	43	291	15	394	94	2256
CUT YTD	18	208	-	-	6	972	93	1214	131	1054	340	5087	1037	19997
1011	-	-	-	-	-	-	-	-	-	10	-	-	-	13
3568	-	-	-	-	-	-	-	-	-	-	-	-	2	94
3569	-	-	-	-	-	-	-	-	-	-	-	-	69	20
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	-	-	-	-	-	-	1	30	2	20
3578	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	3	85
3588	-	-	-	-	-	-	-	-	-	-	-	-	2	691
3589	-	-	-	-	-	-	1	88	-	-	-	-	-	-
3590	-	-	-	-	-	-	-	-	-	-	-	-	6	1052
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	1	60	1	8	4	209
FRM MO.	-	-	-	-	-	-	1	80	1	70	2	37	88	2185
FRM YTD	18	213	-	-	-	-	9	1639	24	1270	116	807	472	11804
TOT MO.	4	7	-	-	-	-	5	149	44	362	17	431	182	4441
TOT YTD	36	421	-	-	6	972	102	2852	155	2324	456	5893	1509	31801

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	USSR		W. GERMANY		YUGOSLAVIA		CANADA		MEXICO		OTH. WAC AM		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	-	-	-	-	-	-	17	1917	1	141	-	-	-	-
3045	4	734	-	-	-	-	9	1766	1	13	-	-	-	-
3204	-	-	-	-	-	-	10	632	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	2	973	-	-	-	-	-	-
3211	-	-	-	-	-	-	2	397	2	546	-	-	-	-
3216	-	-	-	-	-	-	9	3718	13	4445	-	-	-	-
3225	-	-	-	-	-	-	1	401	-	-	-	-	-	-
3245	-	-	-	-	-	-	1	363	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	2	77	-	-	-	-	1	41
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	5	466	12	2355	2	15	-	-
3254	-	-	1	329	-	-	1	225	-	-	-	-	-	-
3255	-	-	-	-	-	-	1	300	4	328	-	-	-	-
3256	-	-	-	-	-	-	-	-	1	11	-	-	-	-
3257	-	-	-	-	-	-	11	41	-	-	-	-	-	-
3258	-	-	-	-	-	-	1	135	4	666	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	1	512
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	2	95	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	3	110	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	2	739	5	591	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	3	390	-	-	-	-
3504	-	-	-	-	-	-	4	386	1	71	-	-	-	-
3506	-	-	-	-	-	-	1	225	1	181	-	-	-	-
3508	-	-	-	-	1	346	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	2	24	4	36	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	2	808	-	-	-	-	-	-
3515	-	-	-	-	-	-	1	154	2	16	-	-	-	-
3516	-	-	-	-	-	-	4	876	3	95	-	-	-	-
3518	-	-	-	-	-	-	3	256	23	780	1	7	-	-
3519	-	-	-	-	-	-	-	-	2	170	-	-	-	-
3525	1	260	-	-	-	-	1	152	3	465	-	-	-	-
3528	-	-	2	278	-	-	4	917	3	337	-	-	-	-
3529	6	3170	-	-	-	-	-	-	1	39	-	-	-	-
3531	-	-	-	-	-	-	7	178	11	179	-	-	-	-
3532	-	-	-	-	-	-	2	25	8	53	-	-	-	-
3533	-	-	-	-	-	-	7	116	3	108	-	-	-	-
3538	-	-	-	-	-	-	1	137	8	908	-	-	-	-
3541	-	-	-	-	-	-	7	948	1	50	-	-	-	-
3542	-	-	-	-	-	-	4	1076	-	-	-	-	-	-
3544	-	-	1	224	-	-	4	120	7	104	-	-	-	-
3546	-	-	4	189	-	-	9	147	24	1364	1	9	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	1	5	-	-	-	-	2	4	-	-	-	-
3551	-	-	-	-	-	-	-	-	1	285	-	-	-	-
3553	-	-	2	29	2	-	2	22	-	-	-	-	-	-
3559	-	-	4	287	-	-	1	9	-	-	-	-	-	-
3565	-	-	-	-	-	-	31	304	12	228	2	29	-	-
3566	-	-	-	-	-	-	9	1045	1	66	-	-	-	-
3567	-	-	-	-	-	-	10	658	38	933	1	5	-	-
4000	-	-	33	111	-	-	40	360	925	2665	4	64	-	-
5000	-	-	674	31	-	-	1548	591	491	355	422	53	5	3
CUT MO.	11	4164	722	1482	1	346	1780	21779	1624	19087	433	181	7	555
CUT YTD	27	12212	1196	13094	20	1221	12356	127072	6231	118578	1947	1793	120	2336
1011	-	-	-	17	-	-	-	89	-	478	-	8	-	-
3568	-	-	-	-	-	-	8	278	41	618	-	-	-	-
3569	-	-	62	11	-	-	445	239	86	78	3	4	-	-
3571	-	-	-	-	-	-	3	90	2	86	-	-	-	-
3573	-	-	-	-	-	-	2	54	4	111	-	-	1	18
3575	-	-	-	-	-	-	48	643	36	444	2	25	2	40
3578	-	-	-	-	-	-	1	24	1	21	-	-	-	-
3582	-	-	-	-	-	-	2	26	-	-	-	-	-	-
3583	-	-	-	-	-	-	1	22	1	18	-	-	-	-
3584	-	-	-	-	-	-	14	213	26	721	-	-	-	-
3588	-	-	1	228	-	-	5	377	14	1209	-	-	-	-
3589	-	-	-	-	-	-	2	297	4	459	-	-	-	-
3590	-	-	-	-	-	-	4	418	11	410	2	11	-	-
3594	-	-	-	-	1	29	1	80	1	116	-	-	1	60
3595	-	-	1	7	-	-	4	62	1	21	1	42	2	96
3598	-	-	3	133	-	-	20	1344	19	401	-	-	-	-
FRM MO.	-	-	67	398	1	29	560	4255	247	5187	8	89	6	214
FRM YTD	1	58	279	3178	7	2987	2653	26140	1712	30587	106	1174	75	1897
TOT MO.	11	4164	789	1881	2	375	2340	26033	1871	24274	441	271	13	769
TOT YTD	28	12270	1475	16272	27	4208	15009	153212	7943	149166	2053	2967	195	4232

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	BRAZIL		CHILE		COLOMBIA		PERU		VENEZUELA		OTH. S. AM.		INDIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	1	119	-	-	-	-	-	-	-	-	-	-	1	259
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	1	69	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	2	117	-	-	1	60	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	-	-	1	5	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	1	486	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	2	233
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	4	85	3	35	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	2	21
3525	1	25	-	-	1	23	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3531	1	175	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	-	-	-	-	-	-	-	-	-	-	1	43
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	1	49	-	-	-	-	-	-	-	-	-	-	7	37
3546	7	92	-	-	1	9	-	-	-	-	-	-	-	-
3547	2	89	-	-	-	-	-	-	2	47	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	1	19	-	-	-	-	-	-	1	20	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	1	81	1	23	-	-	-	-	-	-	1	18	-	-
3565	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3566	-	-	-	-	-	-	-	-	1	15	-	-	-	-
3567	2	386	-	-	-	-	-	-	-	-	-	-	1	112
4000	1	10	2	75	1	3	-	-	212	221	1	2	-	-
5000	31	27	447	10	15	6	7	12	217	363	2	20	14	704
CUT MO.	51	1629	450	108	25	248	10	47	902	4637	221	1523	144	4928
CUT YTD	383	6947	1172	813	340	1349	63	398						
1011	-	-	-	-	-	16	-	5	-	38	-	17	-	-
3568	1	5	-	-	10	24	-	-	9	127	6	9	1	2
3569	6	3	11	14	9	4	-	-	21	7	6	1	22	6
3571	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	-	-	1	4	-	-	1	14	-	-	-	-
3578	-	-	-	-	-	-	-	-	1	38	-	-	-	-
3582	-	-	-	-	-	-	2	30	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	5	255	-	-	-	-	-	-	4	25	-	-	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	2	71	-	-	1	27	-	-	-	-	-	-	1	695
3590	-	-	1	25	-	-	-	-	1	18	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	1	9	-	-	-	-	-	-	-	-	-	-	-	-
3598	1	55	4	179	3	47	5	218	1	9	1	18	1	15
FRM MO.	16	397	16	218	24	121	7	253	38	275	13	45	25	718
FRM YTD	43	3149	43	247	116	1864	167	1571	371	3902	266	1613	56	3430
TOT MO.	67	2026	466	326	49	369	17	300	255	638	15	65	39	1422
TOT YTD	426	10096	1215	1059	456	3213	230	1969	1273	8539	487	3136	200	8358

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	IRAN		ISRAEL		JAPAN		KOREAN REP.		PHILLIPINES		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:													1	228
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	1	73	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	1	21	-	-	-	-	-	-	1	107
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	1	99	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	1	242	-	-	-	-	-	-	-	-
3258	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	3	2327	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	2	337	-	-	-	-	2	16
3269	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	1	8
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	3	77	-	-	1	9	-	-	2	7
3518	-	-	2	330	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	1	104	-	-
3525	-	-	-	-	2	555	-	-	-	-	-	-	-	-
3528	-	-	-	-	8	800	-	-	-	-	-	-	-	-
3529	-	-	-	-	1	15	5	314	-	-	-	-	-	-
3531	-	-	-	-	2	149	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	3	140	-	-	-	-	3	73	-	-
3538	-	-	-	-	1	244	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	4	361	1	5	-	-	-	-	1	99
3544	-	-	-	-	-	-	-	-	-	-	-	-	2	10
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	-	-	-	-	2	20
3565	-	-	-	-	1	215	-	-	-	-	-	-	-	-
3566	-	-	-	-	2	468	-	-	-	-	-	-	-	-
3567	-	-	5	29	3	786	-	-	-	-	-	-	-	-
4000	-	-	2	5	1	21	-	-	1	2	-	-	-	-
5000	-	-	2	3	33	20	4	2	1	2	21	21	11	11
CUT MO.	-	-	12	440	67	4215	15	2985	3	14	25	198	23	505
CUT YTD	1	21	221	3173	1066	22289	390	8838	126	1532	548	5165	141	2556
1011	-	-	-	7	-	-	-	-	-	-	-	-	-	3
3568	-	-	-	-	2	50	-	-	-	-	-	-	-	-
3569	-	-	7	7	-	-	-	-	13	8	39	15	-	-
3571	-	-	-	-	-	-	-	-	-	-	-	-	1	1592
3573	-	-	-	-	-	-	-	-	-	-	3	19	-	-
3575	-	-	1	135	-	-	-	-	-	-	-	-	-	-
3578	-	-	-	-	1	18	-	-	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	-	-	1	45	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3588	-	-	-	-	1	261	2	108	-	-	-	-	-	-
3589	-	-	-	-	-	-	-	-	-	-	-	-	1	15
3590	-	-	-	-	1	4	-	-	-	-	-	-	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	-	-	-	-	2	18	-	-	5	143
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FRM MO.	-	-	8	150	5	332	2	108	15	24	43	80	7	1752
FRM YTD	-	-	121	602	190	7171	65	1821	76	1038	225	2289	92	7211
TOT MO.	-	-	20	590	72	4547	17	3093	18	38	68	278	30	2257
TOT YTD	1	21	342	3774	1256	29460	455	10658	202	2570	793	7454	233	9767

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

	TURKEY		OTHER ASIA		AUSTRALIA		N. ZEALAND		REP./S.AFR.		OTH. AFRICA		ALL OT CTRY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
674:														
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	3	53	-	-	-	-	-	-	1	197	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	1	324	-	-	-	-	1	204	-	-	-	-
3211	-	-	1	311	-	-	-	-	-	-	-	-	-	-
3216	-	-	1	86	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	4	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	2	121	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	-	-	1	4	6	176	-	-	1	28	-	-	-	-
3264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	2	21	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	1	18	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	1	66	-	-	-	-	-	-	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	5	362	1	8	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	-	-	5	225	-	-	-	-	-	-	-	-	-	-
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3528	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3529	2	20	-	-	-	-	-	-	-	-	-	-	-	-
3531	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3532	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3538	-	-	2	226	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	6	446	-	-	-	-	-	-	-	-	-	-
3546	-	-	1	19	-	-	-	-	-	-	-	-	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	6	135	-	-	-	-	2	10	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	1	22	-	-	-	-	-	-	-	-	-	-
3559	-	-	-	-	-	-	-	-	1	317	-	-	-	-
3565	-	-	3	30	-	-	-	-	5	65	-	-	-	-
3566	-	-	-	-	1	6	-	-	-	-	-	-	-	-
3567	-	-	3	31	4	101	-	-	-	-	-	-	-	-
4000	2	13	8	259	7	226	-	-	3	707	-	-	2	2
5000	-	-	764	191	10	7	6	11	201	130	172	21	63	25
CUT MO.	4	33	803	2264	37	838	6	11	217	1812	176	235	65	27
CUT YTD	22	242	2938	10671	1850	7979	21	111	1519	4370	343	3226	700	1011
1011	-	-	-	1	-	3	-	3	-	-	-	43	-	-
3568	-	-	4	46	-	-	1	23	-	-	-	-	-	-
3569	-	-	8	6	12	5	1	2	-	-	-	-	6	4
3571	-	-	1	35	1	118	-	-	-	-	-	-	-	-
3573	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3575	-	-	8	725	-	-	-	-	6	94	-	-	-	-
3578	-	-	2	213	-	-	-	-	-	-	-	-	-	-
3582	-	-	3	96	-	-	-	-	1	178	-	-	-	-
3583	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3584	-	-	3	83	2	11	-	-	1	74	1	23	-	-
3588	-	-	2	48	1	34	-	-	1	409	-	-	-	-
3589	-	-	9	365	-	-	-	-	-	-	-	-	-	-
3590	-	-	1	13	-	-	-	-	1	9	12	278	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	2	87	-	-	-	-	-	-	-	-	1	6
3598	-	-	17	8033	-	-	-	-	-	-	-	-	-	-
FRM MO.	-	-	60	9752	16	171	2	27	10	765	13	344	7	11
FRM YTD	1	30	318	15756	167	3731	34	292	102	3769	50	1405	91	1350
TOT MO.	4	33	863	12016	53	1008	8	39	227	2578	189	579	72	38
TOT YTD	23	272	3256	26427	2017	11710	55	403	1621	8139	393	4631	791	2360

JUNE 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
AZORES	-	-	2	1	2	1
BULGARIA	-	-	-	-	-	-
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	-	-	-	-	-	-
E GERMANY	-	-	-	-	-	-
HUNGARY	-	-	-	-	-	-
ICELAND	-	-	-	-	-	-
PORTUGAL	62	24	5	9	67	33
GIBRALTAR	-	-	-	-	-	-
TOTAL	62	24	7	11	69	35
OTHER N.AC.AM						
BAHAMAS	3	61	-	-	3	61
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	2	11	1	2	3	13
DOMINICAN REP.	26	19	-	-	26	19
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	300	16	-	-	300	16
HAITI	-	-	-	-	-	-
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
NICARAGUA	4	37	-	-	4	37
N. ANTILLES	-	-	-	-	-	-
PANAMA	97	33	2	11	99	44
SALVADOR	-	-	-	-	-	-
TRINIDAD	1	5	5	76	6	81
TOTAL	433	181	8	89	441	271
OTHER S. AMER						
BOLIVIA	-	-	-	-	-	-
ECUADOR	1	18	7	44	8	62
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	1	2	-	-	1	2
PARAGUAY	-	-	6	1	6	1
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
TOTAL	2	20	13	45	15	65
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	231	30	2	6	233	35
BAHRAIN	1	1	-	-	1	1
BANGLADASH	-	-	-	-	-	-
BRUNEI	13	14	-	-	13	14
BURMA	-	-	-	-	-	-
CHINA	-	-	-	-	-	-
GAZA STRIP	-	-	-	-	-	-
HONG KONG	11	56	23	8124	34	8180
INDONESIA	3	207	7	278	10	485
IRAQ	-	-	-	-	-	-
JORDAN	7	487	-	-	7	487
KUWAIT	47	47	1	13	48	59
LEBANON	-	-	-	-	-	-
MALAYSIA	3	37	4	107	7	144
NEPAL	-	-	-	-	-	-
OMAN	-	-	1	18	1	18
PAKISTAN	2	17	-	-	2	17
QATAR	1	185	-	-	1	185
SAUDI ARABIA	399	1149	20	1166	419	2315
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	-	-	-	-
THAILAND	85	35	2	40	87	75
YEMEN	-	-	-	-	-	-
TOTAL	803	2264	60	9752	863	12016

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	1	1	-	-	1	1
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	2	2	-	-	2	2
TOTAL	3	3	-	-	3	3
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	1	197	1	23	2	219
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	146	7	12	278	158	285
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	3	18	-	-	3	18
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	21	6	-	-	21	49
RWANDA	-	-	-	-	-	-
SENEGAL	1	2	-	-	1	2
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	4	6	-	-	4	6
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
ZAMBIA	-	-	-	-	-	-
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	-	-	-	-
MAURITIUS	-	-	-	-	-	-
TOGO	-	-	-	-	-	-
TOTAL	176	235	13	344	189	579

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

RELEASED: October 9, 1981

		TOTAL	6 MO.	AUSTRIA		BELGIUM		DENMARK		FINLAND	
674:	METAL CUTTING	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	119	12419	-	-	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	151	18094	-	-	-	-	-	-	-	-
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26'' or Less	37	3368	2	239	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26''	13	2773	2	460	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	68	15037	-	-	-	-	-	-	3	699
3211	Machining Centers, NC, N.E.C.	68	7895	-	-	-	-	1	113	-	-
3216	Single Station and Multi-Station Transfer Machines	134	59257	-	-	-	-	-	-	-	-
3225	Way Type Machines (Unit Heads)	11	1205	-	-	-	-	-	-	-	-
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	12	7134	-	-	-	-	-	-	-	-
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	631	-	-	-	-	-	-	-	-
3247	Vertical Boring-Drilling-Milling Machines, NC	37	3337	-	-	-	-	-	-	-	-
3248	Horiz. Boring-Drilling-Milling Machines, non-NC	12	1233	-	-	-	-	-	-	-	-
3249	Vertical Boring-Drilling-Milling Machines, non-NC	452	34337	-	-	2	10	-	-	-	-
3254	Drilling Machines, NC	15	2366	-	-	-	-	-	-	-	-
3255	Drilling Machines, Multi-Spindle, non-NC	43	4106	-	-	-	-	1	103	-	-
3256	Drilling Machines, Radial, non-NC	35	1189	-	-	-	-	-	-	-	-
3257	Drilling Machines, Upright, Single Spindle, non-NC	63	2163	-	-	-	-	1	22	-	-
3258	Drilling Machines, non-NC, N.E.C.	145	4071	-	-	-	-	-	-	1	20
3264	Milling Machines, NC	26	7512	-	-	-	-	-	-	-	-
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	48	5144	-	-	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	5	269	-	-	-	-	-	-	-	-
3268	Milling Machines, Bed Type, non-NC	11	1119	-	-	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	85	3629	-	-	-	-	-	-	-	-
3276	Vertical Boring Machines, incl. VTL's, NC	20	4203	-	-	-	-	-	-	-	-
3277	Vertical Boring Machines, incl. VTL's, non-NC	79	7912	-	-	-	-	-	-	-	-
3281	Boring Machines, NC, N.E.C.	7	1027	-	-	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	32	1943	-	-	-	-	-	-	-	-
3504	Horizontal Lathes, NC, Less Than 25 HP	62	4405	-	-	-	-	-	-	-	-
3506	Horizontal Lathes, NC, 25-50 HP	22	3930	-	-	-	-	-	-	-	-
3508	Horizontal Lathes, NC, Over 50 HP	7	1996	-	-	-	-	-	-	-	-
3510	Horizontal Engine & Toolroom Lathes, non-NC	120	2630	-	-	-	-	-	-	-	-
3511	Automatic Chucking Lathes, Single Spindle, non-NC	37	5642	-	-	-	-	-	-	-	-
3512	Automatic Chucking Lathes, Multi-Spindle, non-NC	30	4107	-	-	-	-	-	-	-	-
3515	Automatic Bar Machines, Single Spindle, non-NC	43	2125	-	-	-	-	-	-	-	-
3516	Automatic Bar Machines, Multi-Spindle, non-NC	53	5389	-	-	-	-	-	-	-	-
3518	Horizontal Lathes, non-NC, N.E.C.	319	11225	-	-	2	37	-	-	-	-
3519	Vertical Lathes, excl. VTL's, NC	13	2257	-	-	-	-	-	-	-	-
3525	Vertical Lathes, excl. VTL's, non-NC	97	8857	-	-	-	-	1	166	-	-
3528	Grinding, Polishing, Honing & Lapping Machines, NC	73	12244	-	-	1	27	-	-	-	-
3529	Gear Tooth Grinding & Finishing Machines, non-NC	71	12544	-	-	-	-	-	-	1	187
3531	Tool & Cutter Grinding Machines, non-NC	258	5072	-	-	5	36	1	8	-	-
3532	Honing & Lapping Machines, non-NC	297	5932	1	3	-	-	-	-	5	23
3533	Grinding Machines, Flat Surface Reciprocating Table, non-NC	114	2351	-	-	-	-	-	-	-	-
3538	Grinding Machines, Flat Surface, non-NC, N.E.C.	113	10259	-	-	-	-	-	-	-	-
3541	External Grinding Machines, non-NC	68	9710	1	53	-	-	-	-	-	-
3542	Internal Grinding Machines, non-NC	17	1982	-	-	-	-	-	-	-	-
3544	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	182	7138	-	-	3	17	-	-	-	-
3546	Grinding Machines, non-NC, N.E.C.	427	13441	-	-	1	194	-	-	-	-
3547	Traveling Wire Electrical Discharge Machines	27	921	-	-	-	-	-	-	-	-
3549	All Other Electrical Discharge Machines	180	2612	7	56	-	-	-	-	5	38
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	460	-	-	-	-	-	-	-	-
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	34	652	-	-	-	-	-	-	-	-
3559	Metal Cutting Machine Tools, NC, N.E.C.	81	2277	-	-	-	-	-	-	1	3
3565	Sawing & Cut-off Machines, non-NC	410	6917	-	-	-	-	-	-	-	-
3566	Broaching Machines, non-NC	193	9691	-	-	-	-	-	-	-	-
3567	Metal Cutting Machine Tools, non-NC, N.E.C.	397	12866	-	-	2	11	1	11	1	8
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2849	25007	2	11	-	-	1	4	5	17
5000	Metal Cutting Machine Tools, Less Than $2500*	34657	11472	1	2	2367	405	5	4	15	21
	TOTAL CUTTING YTD	42985	419266	16	823	2383	736	12	432	37	1017
674:	METAL FORMING										
1011	Die Casting Machines & Parts	-	7897	-	58	-	75	-	-	-	49
3568	Metal Forming Machine Tools, Used or Rebuilt	909	9150	-	-	3	3	4	12	2	2
3569	Metal Forming Machine Tools, Less Than $2500	4885	3331	-	-	59	22	20	10	-	-
3571	Punching & Shearing Machines, incl. Combination, NC	68	7596	-	-	-	-	1	87	-	-
3573	Shearing Machines, non-NC	73	4736	-	-	1	50	-	-	-	-
3575	Punching & Combination Punching & Shearing Machines, non-NC	546	12228	-	-	1	10	3	129	-	-
3578	Bending, Folding, Straightening & Flattening Machines, NC	81	5712	-	-	4	572	-	-	-	-
3582	Press Brakes, non-NC	102	3903	-	-	-	-	5	356	-	-
3583	Bending Rolls, Ram & Press Bending Machines, non-NC	33	2114	-	-	-	-	-	-	-	-
3584	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	409	11874	-	-	-	-	1	4	2	14
3588	Mechanical Presses, non-NC	236	13024	-	-	1	15	2	20	-	-
3589	Hydraulic Presses, Vertical, Single Action, non-NC	66	6135	-	-	-	-	-	-	-	-
3590	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	332	23965	-	-	1	9	-	-	10	330
3594	Headers & Upsetters, non-NC	39	2949	-	-	-	-	-	-	-	-
3595	Forging Machines, non-NC, N.E.C.	100	7782	-	-	4	33	-	-	-	-
3598	Metal Forming Machine Tools, non-NC, N.E.C.	806	39345	3	31	7	173	1	30	-	-
	TOTAL FORMING YTD	8685	161779	3	89	81	961	37	647	14	395
	TOTAL ALL TYPES YTD	51670	581045	19	912	2464	1697	49	1079	51	1411

Source: U.S. Department of Commerce, Census Report No. EM522; National Machine Tool Builders' Association.

NOTES: 1) a/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to rounding. 4) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. For 1979, U.S. die casting exports were $9,584,000.

*Code 6744000 shown above represents combined data from codes 674:3015,3241,3252,3261,3272,3501,3526 & 3554.
Code 6745000 shown above represents combined data from codes 674:3243,3253,3262,3273,3502,3527 & 3557.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

674:	FRANCE UNITS	$000	GREECE UNITS	$000	IRELAND UNITS	$000	ITALY UNITS	$000	NETHERLANDS UNITS	$000	NORWAY UNITS	$000	POLAND UNITS	$000	ROMANIA UNITS	$000	SPAIN UNITS	$000	SWEDEN UNITS	$000
3020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	2	617	-	-	1	72	14	1401	-	-	3	23	-	-	8	769	2	98	-	-
3204	-	-	-	-	-	-	1	86	-	-	-	-	-	-	-	-	-	-	-	-
3206	1	208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	12	3425	-	-	1	73	1	204	-	-	-	-	-	-	-	-	3	358	2	483
3211	-	-	-	-	-	-	-	-	-	-	1	148	-	-	-	-	1	59	-	-
3216	2	1865	-	-	-	-	1	180	-	-	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	1	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	188
3254	-	-	-	-	-	-	1	182	-	-	-	-	-	-	-	-	-	-	-	-
3255	7	984	-	-	1	60	1	63	-	-	-	-	-	-	-	-	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3257	5	382	-	-	2	55	2	248	-	-	-	-	-	-	-	-	-	-	-	-
3258	1	1	-	-	-	-	4	110	-	-	-	-	-	-	-	-	-	-	-	-
3264	1	502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3266	-	-	-	-	-	-	1	504	-	-	-	-	-	-	-	-	-	-	-	-
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	2	291	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	2	149	-	-	1	6	1	25	-	-	-	-	-	-	-	-	-	-	-	-
3276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3277	1	54	1	15	-	-	1	52	-	-	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	5	582	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	5	87	-	-	-	-	-	-	-	-	-	-	-	-
3504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3506	1	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	-	-	3	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3512	-	-	-	-	8	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	61	-	-
3516	6	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	7	99	-	-	5	193	1	3	5	237	-	-	-	-	-	-	2	208	3	15
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	2	91	-	-	2	69	1	458	-	-	-	-	-	-	-	-	-	-	-	-
3528	3	182	-	-	-	-	-	-	1	66	1	24	-	-	-	-	-	-	-	-
3529	1	72	-	-	-	-	1	79	-	-	-	-	-	-	1	144	1	127	-	-
3531	5	191	-	-	-	-	1	4	3	22	-	-	-	-	-	-	-	-	-	-
3532	4	164	-	-	-	-	11	177	1	3	-	-	-	-	-	-	4	45	8	49
3533	3	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7
3538	-	-	-	-	1	35	1	24	1	17	-	-	-	-	-	-	-	-	-	-
3541	-	-	-	-	1	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	1	3	14	72	-	-	2	167	2	16	-	-	-	-	1	59	4	106	-	-
3546	5	176	1	35	1	6	4	847	1	44	-	-	-	-	-	-	8	67	3	111
3547	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-
3549	1	81	-	-	-	-	18	191	-	-	-	-	-	-	-	-	1	8	-	-
3551	1	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	-	-	2	31	-	-	-	-	-	-	-	-	9	82
3559	8	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	146
3565	-	-	1	7	2	13	1	15	23	414	-	-	-	-	-	-	3	41	-	-
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	10	805	2	50	6	215	1	4	7	48	-	-	-	-	-	-	-	-	2	15
4000	5	61	-	-	27	316	3	61	6	29	2	9	-	-	-	-	17	9	3	8
5000	207	64	2	3	524	42	125	105	2713	83	11	4	-	-	-	-	43	27	90	27
CUT YTD	304	10455	21	181	990	2640	204	5279	2765	1008	18	208	-	-	8	972	93	1214	131	1854
1011	-	27	-	29	-	-	-	23	-	85	-	44	-	-	-	-	-	-	-	119
3568	-	-	1	96	8	25	5	13	-	-	2	7	-	-	-	-	1	67	2	10
3569	108	39	2	2	20	20	50	23	76	15	9	7	-	-	-	-	1	1	10	14
3571	11	1793	-	-	1	190	5	446	-	-	-	-	-	-	-	-	1	264	-	-
3573	1	21	-	-	1	58	-	-	-	-	-	-	-	-	-	-	-	-	2	122
3575	10	500	-	-	2	47	8	507	8	126	1	6	-	-	-	-	-	-	2	49
3578	6	330	-	-	-	-	1	37	2	228	-	-	-	-	-	-	3	653	-	-
3582	-	-	-	-	-	-	-	-	1	23	2	23	-	-	-	-	-	-	-	-
3583	-	-	-	-	-	-	-	-	3	130	-	-	-	-	-	-	-	-	-	-
3584	9	245	-	-	1	44	-	-	13	182	3	60	-	-	-	-	-	-	-	-
3588	36	572	-	-	-	-	2	232	-	-	1	67	-	-	-	-	-	-	-	-
3589	-	-	1	67	1	69	-	-	-	-	-	-	-	-	-	-	1	88	-	-
3590	12	532	2	695	-	-	10	1234	6	688	-	-	-	-	-	-	-	-	4	617
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	2	32	-	-	4	2817	5	872	-	-	-	-	-	-	-	-	-	-	-	-
3598	35	953	1	203	3	60	10	1701	1	23	-	-	-	-	-	-	2	566	4	339
MRM YTD	230	5044	7	1092	41	3331	96	4687	110	1501	18	213	-	-	-	-	9	1639	24	1270
TOT YTD	534	15499	28	1273	631	5972	300	9966	2875	2509	36	421	-	-	8	972	102	2852	155	2324

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

RELEASE:

674:	SWITZERLAND UNITS	SWITZERLAND $000	U. KINGDOM UNITS	U. KINGDOM $000	USSR UNITS	USSR $000	W. GERMANY UNITS	W. GERMANY $000	YUGOSLAVIA UNITS	YUGOSLAVIA $000	CANADA UNITS	CANADA $000	MEXICO UNITS	MEXICO $000	OTH. NAC AM UNITS	OTH. NAC AM $000	ARGENTINA UNITS	ARGENTINA $000	BRAZIL UNITS	BRAZIL $000
3020	-	-	-	-	-	-	1	247	-	-	109	10804	1	181	-	-	-	-	1	119
3045	-	-	3	197	9	2908	10	2154	1	225	20	2245	8	230	-	-	-	-	1	227
3204	3	527	5	667	-	-	-	-	-	-	22	1311	1	261	-	-	-	-	1	140
3206	-	-	3	574	-	-	1	705	-	-	5	1115	-	-	-	-	-	-	1	211
3209	7	2048	-	-	-	-	8	1 48	-	-	10	3646	4	604	-	-	-	-	-	-
3211	4	494	5	720	-	-	2	150	-	-	25	2791	8	1628	-	-	1	50	1	124
3216	-	-	15	3896	-	-	-	-	-	-	53	33321	57	18847	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	6	962	2	90	3	153	-	-	-	-
3245	-	-	1	162	-	-	1	281	-	-	6	2129	-	-	-	-	-	-	1	393
3246	-	-	-	-	-	-	-	-	-	-	-	-	1	178	-	-	-	-	1	453
3247	2	192	5	310	-	-	2	188	-	-	10	756	14	1204	-	-	1	41	1	69
3248	-	-	6	362	-	-	-	-	-	-	3	371	1	33	-	-	-	-	-	-
3249	2	200	3	37	-	-	1	85	-	-	28	1202	302	31495	2	15	-	-	4	50
3254	-	-	-	-	-	-	2	642	-	-	11	1528	-	-	-	-	-	-	-	-
3255	-	-	2	179	-	-	2	253	-	-	5	509	14	1093	-	-	-	-	-	-
3256	-	-	12	285	-	-	1	40	-	-	-	-	9	308	1	11	-	-	-	-
3257	1	99	-	-	-	-	1	52	-	-	17	356	30	272	-	-	-	-	-	-
3258	11	198	1	5	-	-	2	6	-	-	37	597	42	2209	2	17	-	-	10	43
3264	-	-	3	809	-	-	-	-	-	-	3	165	1	33	1	65	1	512	2	85
3266	-	-	-	-	-	-	-	-	1	4	8	323	28	148	-	-	-	-	1	486
3267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3268	-	-	1	89	-	-	-	-	-	-	2	95	-	-	1	15	-	-	-	-
3269	-	-	1	35	-	-	1	9	-	-	9	266	29	1140	-	-	2	137	-	-
3276	-	-	6	646	-	-	1	65	-	-	3	1114	-	-	-	-	2	474	-	-
3277	-	-	15	236	-	-	4	134	-	-	13	3026	22	2473	-	-	-	-	-	-
3281	-	-	-	-	-	-	1	87	-	-	-	-	1	358	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	43	-	-	6	111	7	670	1	20	-	-	1	256
3504	-	-	29	2026	-	-	-	-	-	-	14	1168	12	774	-	-	-	-	-	-
3506	-	-	5	973	-	-	-	-	-	-	8	1671	4	504	-	-	1	220	-	-
3508	-	-	1	296	-	-	-	-	1	246	4	1123	-	-	-	-	-	-	-	-
3510	-	-	-	-	-	-	-	-	-	-	35	678	25	429	27	276	-	-	-	-
3511	-	-	5	207	-	-	-	-	-	-	13	3267	11	691	-	-	-	-	-	-
3512	-	-	1	91	-	-	-	-	-	-	16	2505	5	817	-	-	-	-	2	398
3515	2	39	1	5	-	-	3	234	-	-	12	570	12	824	1	11	1	285	-	-
3516	-	-	-	-	-	-	-	-	-	-	32	3344	12	1705	-	-	-	-	-	-
3518	1	19	13	306	-	-	17	434	-	-	63	2471	117	5210	8	77	2	45	-	-
3519	-	-	1	247	-	-	2	306	-	-	-	-	5	682	-	-	-	-	-	-
3525	-	-	13	286	1	260	5	759	-	-	6	791	36	3823	2	160	-	-	1	25
3528	-	-	4	674	1	459	10	1277	-	-	25	4853	7	978	1	16	-	-	-	-
3529	-	-	11	181	15	8126	2	368	-	-	11	914	6	187	-	-	-	-	1	61
3531	-	-	10	166	-	-	4	534	-	-	66	746	64	769	5	45	2	48	3	388
3532	36	311	15	126	-	-	17	302	-	-	31	1128	133	2952	-	-	1	22	1	22
3533	1	53	5	102	-	-	-	-	-	-	55	698	17	257	-	-	-	-	-	-
3538	-	-	6	1306	-	-	1	19	-	-	20	2273	30	3011	-	-	2	32	4	603
3541	-	-	3	301	-	-	-	-	-	-	47	7801	3	103	-	-	1	36	4	593
3542	-	-	3	138	-	-	-	-	-	-	9	1441	1	45	-	-	-	-	2	226
3544	-	-	10	169	-	-	4	449	11	93	25	1523	21	728	-	-	-	-	1	49
3546	3	81	22	638	-	-	11	320	-	-	58	2888	62	4964	5	89	-	-	11	365
3547	16	576	-	-	-	-	-	-	-	-	3	18	4	35	-	-	-	-	2	89
3549	-	-	6	96	-	-	2	25	1	541	12	210	19	437	3	16	6	144	1	9
3551	-	-	-	-	-	-	-	-	-	-	-	-	1	285	-	-	-	-	-	-
3553	2	31	1	12	-	-	2	29	-	-	4	66	7	281	-	-	-	-	2	30
3559	4	24	3	29	-	-	20	667	-	-	14	137	4	153	2	11	-	-	-	-
3565	6	40	22	319	-	-	5	124	-	-	168	2022	65	1769	9	99	6	62	1	81
3566	-	-	-	-	-	-	-	-	-	-	117	4653	71	4466	-	-	-	-	-	-
3567	5	40	11	129	1	459	18	646	-	-	75	2120	118	4047	12	117	3	109	6	510
4000	-	-	127	1739	-	-	91	281	-	-	238	3383	1860	12910	43	280	2	48	24	681
5000	234	115	622	225	-	-	940	185	5	12	10764	3768	2917	1629	1818	302	86	73	291	143
CUT YTD	340	5087	1037	19997	27	12212	1196	13094	20	1221	12356	127072	6231	118578	1947	1793	120	2336	383	6947
1011	-	29	-	165	-	8	-	461	-	6	-	1935	-	1150	-	445	-	-	-	290
3568	-	-	23	244	-	-	1	10	-	-	110	1341	274	2540	26	115	28	34	6	34
3569	94	36	105	45	-	-	203	51	-	-	1932	1294	784	598	52	35	8	4	14	8
3571	-	-	7	628	-	-	1	135	-	-	6	550	5	189	-	-	-	-	-	-
3573	-	-	-	-	-	-	2	28	-	-	30	737	20	840	-	-	2	31	1	1029
3575	5	146	27	1226	-	-	6	282	-	-	185	3037	90	1599	3	28	5	118	4	75
3578	1	76	3	351	-	-	5	156	-	-	6	251	14	526	2	29	-	-	-	-
3582	-	-	5	51	-	-	-	-	-	-	19	573	37	1480	2	8	1	7	-	-
3583	-	-	-	-	-	-	-	-	-	-	12	566	10	1170	1	28	-	-	-	-
3584	-	-	18	856	-	-	3	66	-	-	85	1777	121	3624	8	135	2	77	5	255
3588	-	-	18	2493	-	-	4	403	-	-	51	1867	68	3470	-	-	2	335	3	347
3589	-	-	2	742	-	-	1	77	-	-	13	951	19	1297	3	187	1	31	2	71
3590	13	459	16	1692	-	-	-	-	4	1665	73	3483	105	4392	5	38	3	349	1	539
3594	-	-	-	-	-	-	2	27	1	29	15	1835	5	704	-	-	2	117	1	5
3599	1	45	3	21	-	-	10	129	-	-	11	427	17	583	1	42	2	96	1	9
3598	2	15	245	3292	1	50	41	1354	2	1287	105	5516	143	6418	3	86	19	696	5	488
FRM YTD	116	807	472	11804	1	58	279	3178	7	2987	2653	26140	1712	30587	106	1174	75	1897	43	3149
TOT YTD	456	5893	1509	31801	28	12270	1475	16272	27	4208	15009	153212	7943	149166	2053	2967	195	4232	426	10096

RELEASED:

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

674:	CHILE UNITS	CHILE $000	COLOMBIA UNITS	COLOMBIA $000	PERU UNITS	PERU $000	VENEZUELA UNITS	VENEZUELA $000	OTH. S. AM. UNITS	OTH. S. AM. $000	INDIA UNITS	INDIA $000	IRAN UNITS	IRAN $000	ISRAEL UNITS	ISRAEL $000	JAPAN UNITS	JAPAN $000	KOREAN REP. UNITS	KOREAN REP. $000
3020	-	-	-	-	1	25	-	-	-	-	1	161	-	-	1	48	3	647	-	-
3045	2	77	-	-	-	-	1	9	1	103	5	1007	-	-	22	938	12	3172	1	15
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	2	357	-	-	1	95	-	-	-	-	-	-	-	-	-	-	-	-
3216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	466	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	1	419	-	-	-	-	-	-	1	3500
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	450	-	-
3248	-	-	-	-	-	-	1	104	-	-	-	-	-	-	-	-	-	-	-	-
3249	-	-	1	15	1	5	3	22	-	-	4	73	-	-	-	-	76	629	1	17
3254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	232	-	-
3256	-	-	2	117	-	-	1	60	-	-	2	257	-	-	-	-	-	-	1	21
3257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	675	-	-
3258	-	-	3	25	-	-	1	46	2	35	1	7	-	-	1	4	2	40	-	-
3264	-	-	-	-	-	-	1	37	-	-	-	-	-	-	10	1332	-	-	-	-
3266	-	-	-	-	-	-	1	13	-	-	2	397	-	-	-	-	-	-	3	2327
3267	-	-	-	-	-	-	-	-	-	-	1	87	-	-	1	37	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	1	97	-	-	-	-	1	120	3	407
3269	2	440	-	-	-	-	2	12	-	-	2	19	1	21	-	-	2	851	1	11
3276	-	-	1	219	-	-	1	1009	-	-	-	-	-	-	-	-	-	-	-	-
3277	-	-	-	-	-	-	-	-	-	-	3	357	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	1	157	-	-	-	-	-	-	-	-	4	342	1	129
3504	-	-	-	-	1	73	-	-	-	-	-	-	-	-	-	-	2	137	-	-
3506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	-	-	4	85	3	35	1	34	1	7	3	39	-	-	1	14	-	-	-	-
3511	-	-	-	-	-	-	-	-	-	-	1	77	-	-	-	-	-	-	-	-
3512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	398	-	-
3515	-	-	-	-	-	-	-	-	1	7	4	64	-	-	-	-	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	77	-	-
3518	-	-	3	32	6	61	4	16	3	260	-	-	-	-	2	330	8	94	6	35
3519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	431	-	-
3525	-	-	1	23	2	51	3	60	-	-	4	72	-	-	-	-	4	109	2	79
3528	-	-	-	-	-	-	4	141	-	-	-	-	-	-	-	-	10	2945	-	-
3529	-	-	1	52	-	-	1	366	-	-	2	180	-	-	-	-	12	1457	-	-
3531	7	97	-	-	-	-	1	13	-	-	4	134	-	-	3	30	10	377	38	936
3532	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-	-	3	200	-	-
3533	-	-	-	-	-	-	1	22	-	-	2	48	-	-	-	-	13	473	1	9
3538	-	-	1	25	-	-	4	339	-	-	1	15	-	-	-	-	16	1163	1	300
3541	-	-	-	-	-	-	-	-	-	-	1	43	-	-	-	-	1	244	2	174
3542	-	-	-	-	-	-	-	-	1	40	1	92	-	-	-	-	-	-	-	-
3544	-	-	-	-	1	7	-	-	-	-	2	142	-	-	-	-	31	2643	1	5
3546	-	-	10	246	2	65	40	215	55	329	11	552	-	-	38	199	26	148	18	128
3547	-	-	-	-	-	-	1	200	-	-	-	-	-	-	-	-	-	-	-	-
3549	-	-	-	-	-	-	4	84	3	75	-	-	-	-	-	-	7	147	5	27
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3553	-	-	-	-	-	-	1	20	-	-	1	11	-	-	-	-	-	-	-	-
3559	1	3	-	-	-	-	1	3	2	489	-	-	-	-	-	-	1	11	6	46
3565	3	35	1	8	2	11	3	260	2	39	3	20	-	-	1	6	10	399	2	44
3566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	555	-	-
3567	-	-	3	31	-	-	5	43	4	22	25	161	-	-	6	33	10	1806	3	419
4000	18	102	3	13	2	19	38	509	12	70	4	355	-	-	4	32	17	600	29	151
5000	1139	60	304	102	42	46	774	740	134	49	52	43	-	-	131	171	770	247	264	60
CUT YTD	1172	813	340	1349	63	398	902	4637	221	1523	144	4928	1	21	221	3173	1066	22289	390	8838
1011	-	1	-	47	-	7	-	181	-	98	-	11	-	-	-	9	-	1159	-	10
3568	-	-	73	188	-	-	52	1033	137	668	3	10	-	-	17	36	4	1136	41	686
3569	37	37	17	11	146	266	223	102	108	35	26	15	-	-	95	55	90	124	3	1
3571	-	-	-	-	-	-	-	-	-	-	4	782	-	-	1	53	13	813	1	35
3573	-	-	-	-	-	-	1	16	-	-	-	-	-	-	1	6	-	-	2	63
3575	-	-	1	4	5	75	8	276	3	80	-	-	-	-	5	323	30	484	3	54
3578	-	-	-	-	-	-	11	366	-	-	-	-	-	-	-	-	14	898	-	-
3582	-	-	1	11	2	30	2	12	-	-	-	-	-	-	-	-	1	195	-	-
3583	-	-	-	-	-	-	1	19	-	-	-	-	-	-	-	-	-	-	2	46
3584	1	4	4	59	1	9	49	357	3	62	-	-	-	-	-	-	12	564	1	157
3588	-	-	-	-	-	-	2	358	-	-	1	21	-	-	-	-	4	370	6	708
3589	-	-	1	27	1	35	-	-	-	-	2	839	-	-	-	-	1	36	-	-
3590	1	25	4	1170	5	233	5	109	1	6	5	1229	-	-	-	-	6	610	-	-
3594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3595	-	-	-	-	1	686	2	123	1	8	1	6	-	-	2	119	-	-	-	-
3598	4	179	15	348	6	230	15	950	13	657	14	517	-	-	-	-	15	784	6	61
FRM YTD	43	247	116	1864	167	1571	371	3902	266	1613	56	3430	-	-	121	602	190	7171	65	1821
TOT YTD	1215	1059	456	3213	230	1969	1273	8539	487	3136	200	8358	1	21	342	3774	1256	29460	455	10658

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1981

674:	PHILLIPINES UNITS	PHILLIPINES $000	SINGAPORE UNITS	SINGAPORE $000	TAIWAN UNITS	TAIWAN $000	TURKEY UNITS	TURKEY $000	OTHER ASIA UNITS	OTHER ASIA $000	AUSTRALIA UNITS	AUSTRALIA $000	N. ZEALAND UNITS	N. ZEALAND $000	MEP./S.AFR. UNITS	MEP./S.AFR. $000	OTH. AFRICA UNITS	OTH. AFRICA $000	ALL OT CTRY UNITS	ALL OT CTRY $000
3020	-	-	-	-	1	228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	1	58	2	103	5	151	-	-	18	1167	-	-	-	-	2	131	1	197	-	-
3204	-	-	-	-	1	92	-	-	-	-	-	-	-	-	-	-	-	-	1	47
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	15	1470	1	337	-	-	1	204	-	-	-	-
3211	9	453	-	-	-	-	-	-	3	365	2	261	-	-	1	66	1	19	-	-
3216	-	-	-	-	2	418	-	-	3	265	-	-	-	-	-	-	-	-	-	-
3225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3247	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	125	-	-	-	-
3248	-	-	-	-	-	-	-	-	1	362	-	-	-	-	-	-	-	-	-	-
3249	-	-	-	-	1	107	-	-	10	156	-	-	-	-	1	34	1	17	-	-
3254	-	-	-	-	-	-	-	-	1	14	-	-	-	-	-	-	-	-	-	-
3255	1	69	-	-	-	-	-	-	2	139	4	297	-	-	1	95	-	-	-	-
3256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	98	-	-	-	-
3257	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3258	3	32	1	15	2	28	-	-	7	72	6	176	-	-	1	28	2	176	1	180
3264	-	-	-	-	-	-	-	-	1	87	2	3887	-	-	-	-	-	-	-	-
3266	-	-	-	-	2	42	-	-	-	-	1	900	-	-	-	-	-	-	-	-
3267	-	-	-	-	1	65	-	-	2	80	-	-	-	-	-	-	-	-	-	-
3268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3269	-	-	1	7	5	72	2	133	4	44	19	214	-	-	1	21	-	-	1	21
3276	-	-	2	467	-	-	-	-	-	-	4	298	-	-	-	-	-	-	-	-
3277	-	-	5	396	1	8	-	-	13	1161	-	-	-	-	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	-	-	-	-	-	-	-	-	3	52	1	15	-	-	1	62	-	-	-	-
3504	-	-	2	98	-	-	-	-	1	64	1	66	-	-	-	-	-	-	-	-
3506	1	250	-	-	-	-	-	-	1	85	-	-	-	-	-	-	1	60	-	-
3508	-	-	1	231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3510	3	166	4	333	-	-	-	-	-	-	3	53	-	-	6	399	1	8	-	-
3511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1400	-	-
3512	-	-	1	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	-	-	-	-	1	20	-	-	-	-	1	7	-	-	-	-
3516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3518	2	20	11	419	5	44	-	-	14	460	2	18	-	-	4	78	3	36	-	-
3519	-	-	4	591	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3525	-	-	4	867	-	-	-	-	2	57	-	-	-	-	-	-	2	285	3	386
3528	-	-	-	-	-	-	-	-	1	135	1	25	-	-	-	-	3	442	-	-
3529	1	15	-	-	-	-	2	20	1	8	-	-	-	-	-	-	-	-	-	-
3531	1	6	10	130	3	177	-	-	7	44	3	104	-	-	2	69	-	-	-	-
3532	-	-	-	-	-	-	-	-	5	41	7	133	-	-	11	99	-	-	2	139
3533	-	-	11	221	2	37	-	-	-	-	-	-	1	25	1	74	-	-	-	-
3538	1	18	13	529	4	160	-	-	4	360	1	19	-	-	1	13	-	-	-	-
3541	-	-	1	46	2	190	-	-	1	106	-	-	-	-	-	-	-	-	-	-
3542	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3544	-	-	26	174	2	164	-	-	16	509	-	-	-	-	2	15	2	25	-	-
3546	-	-	1	5	3	21	-	-	9	530	3	25	-	-	14	136	1	6	-	-
3547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3549	2	4	7	17	2	20	7	39	4	8	93	292	-	-	2	40	2	10	-	-
3551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	116
3553	-	-	-	-	-	-	-	-	2	41	-	-	1	20	-	-	-	-	-	-
3559	1	4	1	11	-	-	-	-	5	16	1	3	1	4	3	446	1	9	-	-
3565	-	-	4	61	5	39	-	-	26	371	9	241	1	17	22	281	4	101	-	-
3566	-	-	-	-	-	-	-	-	1	10	1	6	-	-	-	-	-	-	-	-
3567	4	207	2	12	2	14	-	-	16	148	20	183	2	13	8	168	4	242	2	24
4000	5	198	46	195	12	434	3	36	112	1117	24	321	2	14	44	879	13	98	5	18
5000	91	32	408	203	77	43	8	14	2626	1110	1685	295	13	16	1382	664	294	117	683	90
CUT YTD	126	1532	568	5165	141	2556	22	242	2938	10671	1890	7979	21	111	1919	4370	343	3228	700	1011
1011	-	187	-	28	-	10	-	-	-	27	-	341	-	57	-	39	-	684	-	-
3568	6	43	13	266	17	22	-	-	23	296	9	36	1	23	8	114	1	11	12	32
3569	58	51	166	49	29	19	-	-	158	212	95	27	23	13	14	21	17	13	33	99
3571	-	-	-	-	-	-	-	-	1	35	10	1597	-	-	-	-	-	-	-	-
3573	-	-	-	-	2	1604	-	-	5	115	-	-	-	-	2	16	-	-	-	-
3575	2	18	12	192	10	118	-	-	23	1047	13	440	3	30	52	730	2	23	14	490
3578	-	-	-	-	1	154	-	-	5	996	2	83	1	24	-	-	-	-	-	-
3582	-	-	-	-	-	-	-	-	9	139	7	41	-	-	5	940	2	8	1	6
3583	-	-	1	45	-	-	-	-	2	81	1	30	-	-	-	-	-	-	-	-
3584	1	66	5	138	5	269	-	-	31	1789	9	440	1	39	5	497	8	115	2	8
3588	-	-	19	225	4	107	-	-	4	364	3	89	-	-	8	455	-	-	3	501
3589	-	-	-	-	3	907	-	-	13	516	1	194	-	-	-	-	-	-	-	-
3590	3	591	4	105	8	2433	-	-	6	141	2	56	-	-	3	173	13	386	1	94
3594	-	-	-	-	-	-	1	30	-	-	10	194	-	-	2	68	-	-	-	-
3595	1	47	1	1195	3	110	-	-	5	284	3	82	-	-	8	273	-	-	17	183
3598	5	36	4	46	10	1458	-	-	33	9712	6	192	5	104	7	493	7	285	8	80
FRM YTD	76	1038	225	2289	92	7211	1	30	318	15756	187	3731	34	350	102	3769	50	1405	91	1250
TOT YTD	202	2570	793	7454	233	9767	23	272	3256	26427	2077	11710	55	403	1421	8139	393	4631	791	2260

JANUARY - JUNE 1981 - U.S. EXPORTS OF MACHINE TOOLS
Total and Countries of Destination
The following is a breakdown of the activity by country which is included in the ALL OTHER columns.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	2	1	2	1
BULGARIA	-	-	1	8	1	8
CYPRUS	-	-	-	-	-	-
CZECHOSLOVAKIA	8	319	12	933	16	1252
E GERMANY	-	-	-	-	-	-
HUNGARY	3	482	-	-	3	482
ICELAND	95	23	4	16	99	38
PORTUGAL	611	171	69	380	680	551
GIBRALTAR	-	-	-	-	-	-
TOTAL	673	994	88	1338	761	2332
OTHER N.&C.AM						
BAHAMAS	24	277	3	10	29	287
BARBADOS	7	14	2	30	9	44
BELIZE	2	2	-	-	2	2
BERMUDA	1	3	-	-	1	3
CAYMAN	1	1	-	-	1	1
COSTA RICA	34	95	5	74	41	169
DOMINICAN REP.	58	132	19	42	77	174
FR. W. INDIES	-	-	1	3	1	3
GUATEMALA	267	146	2	55	269	221
HAITI	25	93	3	7	28	102
HONDURAS	32	85	2	21	34	106
JAMAICA	18	99	23	236	41	295
LW & UW IS.	3	12	10	7	13	19
NICARAGUA	6	89	2	4	8	93
N. ANTILLES	6	1	-	-	6	1
PANAMA	1330	352	22	165	1352	517
SALVADOR	1	1	3	412	4	414
TRINIDAD	20	450	9	107	29	557
TOTAL	1947	1793	106	1174	2053	2967
OTHER S. AMER						
BOLIVIA	9	297	5	45	14	343
ECUADOR	99	1167	211	1445	310	2612
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	1	2	-	-	1	2
PARAGUAY	1	40	6	1	7	41
SURINAM	-	-	1	48	1	48
URUGUAY	111	17	63	74	194	91
TOTAL	221	1523	266	1613	487	3136
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ASEAN	-	-	-	-	-	-
ARAB EMIRATES	602	492	3	7	605	499
BAHRAIN	1	1	1	8	2	9
BANGLADASH	-	-	-	-	-	-
BRUNEI	13	14	-	-	13	14
BURMA	-	-	2	1	2	1
CHINA	23	493	1	64	24	557
GAZA STRIP	-	-	-	-	-	-
HONG KONG	142	989	34	8238	176	9227
INDONESIA	29	332	11	426	40	758
IRAQ	11	140	-	-	11	140
JORDAN	24	663	1	131	25	794
KUWAIT	152	143	6	64	158	207
LEBANON	34	29	35	104	69	133
MALAYSIA	31	405	18	449	49	854
NEPAL	-	-	-	-	-	-
OMAN	-	-	19	36	19	36
PAKISTAN	7	84	-	-	7	84
QATAR	21	261	2	219	23	481
SAUDI ARABIA	1696	9731	144	9478	1840	11209
SRI LANKA	-	-	1	13	1	13
SYRIA	1	2	1	39	2	40
THAILAND	151	803	39	480	190	1373
YEMEN	-	-	-	-	-	-
TOTAL	2938	10671	318	15756	3256	26427

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	2	2	2	8	4	10
NEW GUINEA	19	9	1	3	20	12
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	6	6	-	-	6	6
TOTAL	27	16	3	11	30	28
OTHER AFRICA						
BOTSWANA	1	2	-	-	1	2
ALGERIA	7	300	4	36	11	335
ANGOLA	-	-	6	5	6	5
BENIN	-	-	-	-	-	-
CAMEROON	-	-	2	19	2	19
CANARY ISLANDS	3	11	-	-	3	11
DAHOMEY	-	-	-	-	-	-
EGYPT	168	2918	13	1162	181	3680
ETHIOPIA	6	4	-	-	6	4
GABON	-	-	-	-	-	-
GHANA	9	13	4	12	13	25
GUINEA	3	14	-	-	3	14
KENYA	2	2	-	-	2	2
LESOTHO	-	-	-	-	-	-
LIBERIA	4	70	-	-	4	70
LIBYA	12	104	1	13	13	117
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	4	2	-	-	4	2
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	76	99	3	46	79	145
RWANDA	-	-	-	-	-	-
SENEGAL	2	3	1	7	3	11
SIERRA LEONE	5	3	-	-	5	3
SOMALIA	4	4	-	-	4	4
S. W. AFRICA	1	8	-	-	1	8
SUDAN	-	-	12	80	12	80
SWAZILAND	-	-	-	-	-	-
TANZANIA	1	17	-	-	1	17
TUNISIA	-	-	-	-	-	-
ZIMBABWE	13	19	-	-	13	19
WEST AFRICA	-	-	-	-	-	-
ZAIRE	15	22	-	-	15	22
ZAMBIA	6	2	1	11	7	13
OTH WEST AFR.	-	-	-	-	-	-
IVORY COAST	-	-	1	14	1	14
MAURITIUS	1	2	-	-	1	2
TOGO	-	-	-	-	-	-
TOTAL	343	3226	50	1405	393	4631

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

RELEASED: October 9, 1981

674:	METAL CUTTING	TOTAL 6 MO. UNITS	TOTAL 6 MO. $000	AUSTRIA UNITS	AUSTRIA $000	BELGIUM UNITS	BELGIUM $000	CZECHO. UNITS	CZECHO. $000
3025	Gear Hobbers	96	9899	-	-	-	-	3	90
3035	Gear Shapers	8	1083	-	-	-	-	-	-
3045	Gear Cutting Machines, N.E.C.	10	1627	-	-	-	-	1	15
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 25'' or Less	485	37455	-	-	-	-	-	-
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 25''	69	9874	-	-	-	-	-	-
3209	Horizontal Machining Centers, ATC, NC	174	21229	-	-	-	-	-	-
3211	Machining Centers, NC, N.E.C.	163	16387	-	-	-	-	-	-
3212	Single Station and Multi-Station Transfer Machines	14	3382	-	-	-	-	-	-
3213	Way Type Machines (Unit Heads)	-	-	-	-	-	-	-	-
3217	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	2709	-	-	-	-	-	-
3218	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	-	-	-	-	-	-	-	-
3219	Vertical Boring-Drilling-Milling Machines,NC	20	3317	-	-	-	-	-	-
3222	Horiz. Boring-Drilling-Milling Machines,non-NC	106	10952	-	-	-	-	9	239
3223	Vertical Boring-Drilling-Milling Machines,non-NC	1019	8158	-	-	-	-	2	61
3228	Drilling Machines,NC	8	489	-	-	-	-	-	-
3229	Drilling Machines, Multi-Spindle, non-NC	23	2701	-	-	-	-	-	-
3234	Drilling Machines, Radial, non-NC	674	5449	-	-	-	-	6	58
3236	Drilling Machines, Upright, Single Spindle, non-NC	131	790	-	-	-	-	-	-
3242	Drilling Machines, non-NC, N.E.C.	202	4272	-	-	-	-	1	7
3264	Milling Machines, NC	218	16656	-	-	-	-	1	9
3266	Milling Machines, Profiling, Dupl. & Die Sinking, non-NC	193	2992	-	-	-	-	-	-
3267	Milling Machines, Knee Type, non-NC	2156	15464	-	-	2	6	5	16
3268	Milling Machines, Bed Type, non-NC	287	8788	-	-	-	-	-	-
3269	Milling Machines, non-NC, N.E.C.	2207	22042	-	-	-	-	26	320
3276	Vertical Boring Machines, incl. VTL's, NC	21	2727	-	-	-	-	1	26
3277	Vertical Boring Machines, incl. VTL's, non-NC	134	4368	-	-	-	-	7	306
3281	Boring Machines, NC, N.E.C.	9	3473	-	-	-	-	-	-
3283	Boring Machines, non-NC, N.E.C.	184	8815	-	-	-	-	12	240
3307	Horizontal Lathes, NC, Less Than 25 HP	984	63990	-	-	-	-	-	-
3309	Horizontal Lathes, NC, 25-50 HP	595	54607	-	-	-	-	-	-
3311	Horizontal Lathes, NC, Over 50 HP	121	15319	-	-	-	-	-	-
3312	Horizontal Engine & Toolroom Lathes, non-NC	2929	36242	12	203	-	-	88	592
3313	Automatic Chucking Lathes, Single Spindle, non-NC	52	2667	-	-	-	-	-	-
3314	Automatic Chucking Lathes, Multi-Spindle, non-NC	29	4085	-	-	-	-	-	-
3315	Automatic Bar Machines, Single Spindle, non-NC	171	3857	-	-	-	-	-	-
3316	Automatic Bar Machines, Multi-Spindle, non-NC	80	6047	-	-	14	49	-	-
3318	Horizontal Lathes, non-NC, N.E.C.	371	11956	-	-	-	-	1	4
3321	Vertical Lathes, excl. VTL's, NC	122	12570	-	-	-	-	-	-
3322	Vertical Lathes, excl. VTL's, non-NC	1242	23642	1	321	6	187	52	286
3327	Gear Tooth Grinding & Finishing Machines	56	5249	-	-	2	140	-	-
3328	Tool & Cutter Grinding Machines, NC	59	3880	-	-	-	-	-	-
3329	Tool & Cutter Grinding Machines, non-NC	537	9319	-	-	3	33	7	22
3333	Honing & Lapping Machines	96	4712	-	-	-	-	-	-
3339	Grinding Machines, Flat Surface, NC	26	2488	-	-	-	-	-	-
3341	Grinding Machines, Flat Surface Reciprocating Table,non-NC	304	6282	-	-	-	-	2	10
3343	Grinding Machines, Flat Surface, non-NC, N.E.C.	695	15113	-	-	-	-	1	7
3346	Grinding & Polishing Machines, NC, N.E.C.	14	1464	-	-	-	-	-	-
3354	External Grinding Machines, non-NC	312	14752	-	-	21	1002	14	190
3356	Internal Grinding Machines, non-NC	41	2425	-	-	-	-	-	-
3358	Grinding, Polishing & Buffing Machines, non-NC, N.E.C.	104	3942	-	-	-	-	12	84
3359	Grinding Machines, non-NC, N.E.C.	950	10962	-	-	3	102	3	23
3562	Traveling Wire Electrical Discharge Machines	187	11416	-	-	-	-	-	-
3564	All Other Electrical Discharge Machines	99	5020	-	-	-	-	-	-
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	64	2361	-	-	58	2099	-	-
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, non-NC	50	967	-	-	1	6	-	-
3576	Metal Cutting Machine Tools, NC, N.E.C.	17	573	-	-	-	-	-	-
3577	Sawing & Cut-off Machines, non-NC	695	7311	-	-	1	4	-	-
3578	Broaching Machines, non-NC	30	3474	-	-	-	-	-	-
3579	Metal Cutting Machine Tools, non-NC, N.E.C.	344	8585	-	-	-	-	-	-
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2129	21139	-	-	117	854	34	359
5000	Metal Cutting Machine Tools, Less Than $2500*	376161	32329	621	367	23	24	5	10
	TOTAL CUTTING YTD-	396498	633052	634	891	251	4504	293	2972
674:	METAL FORMING								
1010	Die Casting Machines	80	2221	1	99	-	-	-	-
3582	Metal Forming Machine Tools, Used or Rebuilt	322	2385	-	-	7	43	-	-
3583	Metal Forming Machine Tools, Less Than $2500	8449	2062	1	2	-	-	-	-
3584	Punching & Shearing Machines, incl. Combination, NC	141	15090	-	-	1	384	-	-
3586	Shearing Machines, non-NC	368	6195	-	-	21	495	-	-
3587	Punching & Combination Punching & Shearing Machines, non-NC	393	5247	-	-	-	-	-	-
3588	Bending, Folding, Straightening & Flattening Machines, NC	8	804	-	-	-	-	-	-
3589	Press Brakes, non-NC	221	3664	-	-	12	384	-	-
3591	Bending Rolls, Ram & Press Bending Machines, non-NC	119	3715	-	-	2	117	-	-
3592	Bending,Folding,Str. & Flattening Machines, non-NC, N.E.C.	468	7367	-	-	1	105	-	-
3593	Metal Forming Machine Tools, NC, N.E.C.	9	1290	-	-	-	-	-	-
3594	Mechanical Presses, non-NC	73	6015	-	-	2	38	-	-
3595	Hydraulic Presses, Vertical, Single Action, non-NC	53	2775	-	-	3	651	-	-
3596	Hydraulic & Pneumatic Presses, non-NC, N.E.C.	172	11739	-	-	10	1151	-	-
3597	Headers & Upsetters, non-NC	98	6298	-	-	-	-	-	-
3598	Forging Machines, non-NC, N.E.C.	19	1125	-	-	-	-	-	-
3599	Metal Forming Machine Tools, non-NC, N.E.C.	536	16439	-	-	17	1001	-	-
	TOTAL FORMING YTD	11489	94409	2	101	76	4368	-	-
	TOTAL ALL TYPES YTD	410187	727461	636	992	327	8873	293	2972

Source: U.S. Department of Commerce, Census Report No. IM146; National Machine Tool Builders' Association.
NOTES: 1) s/Dollar amount less than $500; 2) N.E.C. - Not Elsewhere Classified; 3) Individual items may not add to totals due to roundi
4) Machine tool imports, as reflected in the government statistics, are actually undervalued since they reflect values in the country of origin and do not include ocean freight, insurance, dealer's commission or import duties.
5) Beginning in January 1980, foreign trade data for die casting machines are included in the metal forming total. U.S. die casting imports are not available for previous years.
*Code 6744000 shown above represents combined data from codes 674:3015,3215,3226,3261,3272,3502,3524 & 3573.
Code 6745000 shown above represents combined data from codes 674:3227,3262,3273,3503,3526 & 3574.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	DENMARK		E. GERMANY		FRANCE		ITALY		NETHERLANDS		NORWAY		POLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	6	445	-	-	-	-	-	-	-	-	-	-
3035	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3209	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3211	-	-	-	-	-	-	1	51	-	-	-	-	-	-
3212	-	-	-	-	-	-	2	588	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	1	417	-	-	-	-	-	-	-	-
3222	-	-	-	-	-	-	2	128	-	-	-	-	4	638
3223	-	-	-	-	1	84	4	135	-	-	-	-	6	904
3228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3229	-	-	-	-	-	-	1	31	-	-	-	-	-	-
3234	-	-	-	-	1	7	26	303	-	-	-	-	31	414
3236	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3242	-	-	1	35	1	9	2	14	-	-	-	-	-	-
3264	-	-	-	-	6	534	3	188	-	-	-	-	-	-
3266	-	-	-	-	5	34	23	1721	-	-	-	-	-	-
3267	-	-	-	-	24	101	21	388	-	-	-	-	68	994
3268	-	-	1	58	5	201	4	158	-	-	-	-	-	-
3269	-	-	7	197	18	531	16	357	4	392	-	-	-	-
3276	-	-	-	-	2	415	2	374	-	-	-	-	-	-
3277	-	-	1	6	-	-	17	1463	-	-	-	-	-	-
3281	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3283	3	38	2	200	-	-	15	449	-	-	-	-	-	-
3507	-	-	-	-	49	2680	17	1024	-	-	-	-	-	-
3509	-	-	-	-	13	737	4	474	-	-	-	-	-	-
3511	-	-	-	-	-	-	6	309	1	121	-	-	-	-
3512	-	-	-	-	23	430	57	1407	-	-	-	-	176	3699
3513	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3514	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3515	-	-	-	-	1	23	-	-	-	-	-	-	5	114
3516	-	-	-	-	-	-	2	233	-	-	-	-	-	-
3518	-	-	-	-	1	51	2	16	-	-	-	-	-	-
3521	-	-	-	-	1	25	15	1800	-	-	-	-	-	-
3522	2	17	-	-	18	479	22	779	-	-	-	-	1	4
3527	-	-	5	285	-	-	-	-	-	-	-	-	-	-
3528	2	12	-	-	-	-	7	254	-	-	-	-	-	-
3529	4	22	-	-	3	75	13	292	6	127	-	-	-	-
3533	-	-	-	-	2	79	-	-	-	-	-	-	-	-
3539	6	105	-	-	2	153	1	20	-	-	-	-	-	-
3541	23	427	-	-	-	-	3	70	-	-	-	-	-	-
3543	1	12	1	41	2	197	76	1089	3	31	-	-	-	-
3546	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3554	-	-	-	-	-	-	27	811	16	671	-	-	-	-
3556	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3558	2	69	-	-	1	38	-	-	1	18	-	-	-	-
3559	12	84	-	-	7	47	67	1375	11	128	1	11	3	54
3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3564	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3567	-	-	-	-	-	-	1	14	-	-	-	-	-	-
3571	-	-	-	-	-	-	1	6	-	-	-	-	-	-
3576	-	-	1	52	-	-	-	-	-	-	-	-	-	-
3577	1	21	-	-	6	219	31	372	-	-	1	48	-	-
3578	-	-	-	-	-	-	1	32	-	-	-	-	-	-
3579	-	-	1	11	3	299	43	348	10	91	-	-	-	-
4000	-	-	40	362	36	1518	35	404	44	510	-	-	11	59
5000	374	76	3	1	1408	505	1687	742	285	271	10	2	173	37
CUT YTD	430	884	69	1654	1640	9886	2257	18214	381	2360	12	61	478	6917
1010	-	-	-	-	1	101	23	197	-	-	-	-	-	-
3582	6	671	2	11	-	-	13	25	4	15	-	-	1	1
3583	36	71	-	-	252	98	397	59	3	1	-	-	-	-
3584	-	-	-	-	1	311	2	150	-	-	-	-	-	-
3586	12	89	-	-	19	304	5	149	2	25	-	-	-	-
3587	-	-	-	-	-	-	57	284	-	-	-	-	-	-
3588	-	-	-	-	-	-	2	368	-	-	-	-	-	-
3589	6	93	-	-	2	73	1	25	2	42	-	-	-	-
3591	2	60	-	-	-	-	38	603	1	15	-	-	-	-
3592	2	52	-	-	18	291	130	1510	-	-	1	36	-	-
3593	-	-	-	-	1	99	-	-	-	-	-	-	-	-
3594	-	-	-	-	2	111	2	34	-	-	-	-	-	-
3595	1	7	-	-	-	-	14	130	-	-	-	-	-	-
3596	1	99	-	-	-	-	13	587	-	-	-	-	-	-
3597	-	-	-	-	-	-	10	602	-	-	-	-	-	-
3598	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3599	-	-	-	-	8	327	85	1648	5	95	5	198	1	8
FAH YTD	66	1138	2	11	304	1695	752	6370	17	193	6	234	2	9
TOT YTD	496	2022	71	1665	1944	11561	3009	24585	398	2553	18	295	480	6925

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	PORTUGAL		SPAIN		SWEDEN		SWITZERLAND		U. KINGDOM		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	-	-	3	71	12	1077	38	6603	-	-
3035	-	-	-	-	-	-	1	17	3	279	4	787	-	-
3045	-	-	-	-	-	-	2	662	4	709	2	224	-	-
3204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3206	-	-	-	-	-	-	-	-	2	128	1	67	-	-
3209	-	-	-	-	-	-	3	1851	1	26	-	-	-	-
3211	-	-	-	-	-	-	-	-	-	-	3	1613	-	-
3212	-	-	-	-	-	-	4	608	-	-	6	1036	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	1	89	-	-	-	-	2	611	2	539	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3219	-	-	-	-	-	-	1	50	2	605	10	1448	-	-
3222	-	-	5	504	-	-	-	-	9	1275	-	-	2	376
3223	-	-	13	89	2	6	6	1690	11	958	20	869	-	-
3228	-	-	-	-	-	-	1	190	-	-	1	110	-	-
3229	-	-	4	60	-	-	1	27	8	467	4	107	-	-
3234	40	234	16	157	12	50	-	-	18	274	5	38	-	-
3236	-	-	26	87	13	72	1	220	10	67	16	85	-	-
3242	-	-	67	358	3	26	6	230	9	133	15	1062	1	139
3264	-	-	24	542	2	182	1	52	98	5945	21	1169	-	-
3266	-	-	-	-	1	44	2	227	10	155	18	351	-	-
3267	-	-	914	4953	7	171	-	-	162	909	40	593	-	-
3268	-	-	3	100	22	661	1	34	13	597	6	294	-	-
3269	-	-	130	1509	16	803	16	1228	69	3103	35	3155	-	-
3276	-	-	1	97	-	-	-	-	2	511	-	-	1	63
3277	-	-	1	11	4	25	8	463	17	683	4	215	-	-
3281	-	-	-	-	-	-	-	-	5	541	1	1242	-	-
3283	-	-	4	348	-	-	7	647	52	2583	12	729	-	-
3507	-	-	-	-	-	-	1	61	1	158	21	2015	-	-
3509	-	-	-	-	10	1216	-	-	1	191	2	335	-	-
3511	-	-	-	-	18	2667	-	-	1	126	6	1494	-	-
3512	-	-	84	1147	4	60	2	11	580	4785	40	595	94	911
3513	-	-	-	-	-	-	-	-	6	364	4	1118	-	-
3514	-	-	-	-	-	-	-	-	2	196	14	3223	-	-
3515	-	-	-	-	-	-	32	1002	11	310	67	1049	-	-
3516	-	-	-	-	-	-	8	588	35	4356	-	-	-	-
3518	-	-	3	27	-	-	16	891	25	996	27	2033	-	-
3521	-	-	-	-	4	521	-	-	5	663	15	2995	-	-
3522	-	-	22	428	4	21	17	2537	76	1798	35	3295	92	881
3527	-	-	-	-	-	-	21	3438	14	780	9	331	-	-
3528	-	-	-	-	-	-	-	-	3	272	7	766	-	-
3529	2	8	13	48	6	92	52	1447	148	2784	141	3269	-	-
3533	-	-	2	42	-	-	2	57	56	1184	25	3199	-	-
3539	-	-	-	-	-	-	-	-	5	1467	2	275	-	-
3541	-	-	2	7	-	-	3	189	7	84	41	2576	-	-
3543	-	-	17	68	2	34	22	742	88	3807	65	3005	2	149
3546	-	-	-	-	4	586	1	30	2	328	4	302	-	-
3554	-	-	7	161	7	909	40	3736	75	3736	16	1331	-	-
3556	-	-	2	119	-	-	3	186	3	1040	12	375	-	-
3558	-	-	5	293	-	-	11	919	8	464	25	1096	-	-
3559	-	-	4	148	3	14	36	2222	82	1451	71	2034	-	-
3562	-	-	-	-	-	-	60	3692	-	-	-	-	-	-
3564	-	-	-	-	-	-	43	1441	2	177	2	138	-	-
3567	-	-	-	-	3	57	-	-	2	192	-	-	-	-
3571	-	-	-	-	-	-	2	29	1	103	13	396	-	-
3576	-	-	1	30	5	80	3	159	1	87	-	-	-	-
3577	-	-	1	22	1	21	8	150	100	517	286	3187	-	-
3578	-	-	-	-	-	-	1	21	22	2647	4	758	-	-
3579	-	-	10	179	12	445	33	947	65	694	58	2959	-	-
4000	-	-	6	37	27	169	125	1090	1016	8592	465	5406	-	-
5000	59	107	374	190	745	605	1418	145	2481	1106	9003	1719	-	-
CUT YTD	131	349	1762	11849	937	9535	2024	33997	5443	67084	10744	73609	192	2519
1010	-	-	-	-	-	-	-	-	18	254	4	351	-	-
3582	-	-	12	25	2	12	13	368	179	679	57	410	-	-
3583	-	-	36	6	161	146	164	76	377	219	775	257	-	-
3584	-	-	-	-	-	-	44	3810	-	-	21	2941	-	-
3586	-	-	-	-	1	30	-	-	78	823	38	1020	-	-
3587	-	-	8	129	31	410	17	574	3	22	156	2129	-	-
3588	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3589	-	-	-	-	4	215	-	-	6	32	1	43	-	-
3591	-	-	-	-	59	1872	-	-	10	731	3	248	-	-
3592	-	-	1	77	12	235	1	20	30	663	86	1964	-	-
3593	-	-	-	-	-	-	-	-	-	-	2	454	-	-
3594	-	-	-	-	-	-	2	595	3	272	8	1991	-	-
3595	-	-	1	435	1	111	2	276	3	151	12	455	-	-
3596	-	-	4	490	5	161	8	546	12	654	29	2469	-	-
3597	-	-	-	-	-	-	-	-	-	-	28	3036	-	-
3598	-	-	-	-	-	-	6	74	2	736	4	100	-	-
3599	-	-	11	463	11	201	32	1356	58	1552	120	5153	-	-
FRM YTD	-	-	73	1624	277	3393	289	7695	779	6788	1344	23021	-	-
TOT YTD	101	349	1835	13473	1214	12928	2313	41692	6222	73872	12088	96630	192	2519

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1981

	CANADA		INDIA		JAPAN		TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	-	-	-	-	6	527	-	-	-	-	28	1085
3035	-	-	-	-	-	-	-	-	-	-	-	-
3045	-	-	-	-	1	17	-	-	-	-	-	-
3204	-	-	-	-	485	37455	-	-	-	-	-	-
3206	-	-	-	-	66	9680	-	-	-	-	-	-
3209	-	-	-	-	169	19102	-	-	-	-	1	250
3211	-	-	1	101	155	14403	3	220	-	-	-	-
3212	2	1150	-	-	-	-	-	-	-	-	-	-
3213	-	-	-	-	-	-	-	-	-	-	-	-
3217	-	-	-	-	4	1470	-	-	-	-	-	-
3218	-	-	-	-	-	-	-	-	-	-	-	-
3219	1	50	-	-	5	746	-	-	-	-	-	-
3222	1	20	-	-	49	4684	1	59	-	-	24	2130
3223	1	157	-	-	126	2227	811	496	-	-	16	483
3228	-	-	-	-	5	170	-	-	-	-	1	20
3229	3	1977	-	-	2	32	-	-	-	-	-	-
3234	-	-	3	31	247	2567	228	918	-	-	41	419
3236	5	37	-	-	33	146	26	72	-	-	1	4
3242	4	71	-	-	19	1554	56	481	-	-	17	153
3264	-	-	-	-	59	7961	2	35	-	-	1	39
3266	-	-	-	-	1	148	85	278	-	-	10	37
3267	324	4247	-	-	73	1317	483	1429	-	-	33	340
3268	-	-	-	-	198	6520	33	144	-	-	1	21
3269	4	39	2	110	150	4176	1662	5615	-	-	52	547
3276	-	-	-	-	12	1242	-	-	-	-	-	-
3277	1	19	-	-	8	830	54	233	-	-	2	116
3281	-	-	-	-	3	1691	-	-	-	-	-	-
3283	2	871	-	-	32	2506	40	156	-	-	3	47
3507	-	-	-	-	853	56832	22	298	-	-	20	923
3509	-	-	-	-	564	51551	-	-	-	-	1	103
3511	-	-	-	-	87	10507	2	95	-	-	-	-
3512	49	693	9	94	206	3832	1291	7989	-	-	1214	9796
3513	-	-	-	-	30	878	10	243	-	-	2	65
3514	-	-	-	-	12	660	1	5	-	-	-	-
3515	-	-	-	-	53	1349	2	12	-	-	-	-
3516	-	-	-	-	11	771	10	52	-	-	-	-
3518	1	3	19	63	126	6962	135	726	-	-	15	186
3521	8	215	-	-	62	5757	14	525	-	-	2	70
3522	4	133	8	158	138	6631	345	1712	-	-	405	3975
3527	-	-	-	-	3	11	-	-	-	-	2	263
3528	-	-	-	-	40	2577	-	-	-	-	-	-
3529	4	12	-	-	56	719	70	294	-	-	9	76
3533	-	-	-	-	5	132	-	-	-	-	4	20
3539	1	19	-	-	8	383	1	66	-	-	-	-
3541	-	-	-	-	69	950	18	67	-	-	136	1902
3543	5	40	-	-	227	4286	111	535	-	-	72	1070
3546	-	-	-	-	3	219	-	-	-	-	-	-
3554	-	-	1	14	50	1889	28	196	-	-	10	108
3556	-	-	-	-	19	694	2	10	-	-	-	-
3558	1	12	-	-	20	828	18	122	-	-	-	-
3559	13	1320	-	-	36	1385	91	491	1	5	6	69
3562	-	-	-	-	127	7724	-	-	-	-	-	-
3564	1	3	-	-	50	3254	1	9	-	-	-	-
3567	-	-	-	-	-	-	-	-	-	-	-	-
3571	9	263	-	-	17	137	6	27	-	-	-	-
3576	-	-	-	-	6	164	-	-	-	-	-	-
3577	6	39	-	-	167	2492	44	205	-	-	2	13
3578	-	-	-	-	-	-	2	16	-	-	-	-
3579	28	1036	8	144	56	1246	12	47	-	-	5	140
4000	63	708	-	-	63	768	24	42	2	66	21	194
5000	1275	379	39	29	29878	3837	325660	21772	-	-	640	435
CUT YTD	1812	13515	90	744	34944	300595	331404	45688	3	70	2797	25096
1010	25	678	-	-	8	542	-	-	-	-	-	-
3582	14	66	-	-	11	58	1	1	-	-	-	-
3583	1293	219	41	20	2862	621	1986	172	12	13	93	83
3584	-	-	-	-	72	7454	-	-	-	-	-	-
3586	13	387	2	10	147	2448	4	11	-	-	26	408
3587	16	361	-	-	75	1338	-	-	-	-	-	-
3588	4	253	-	-	2	183	-	-	-	-	-	-
3589	63	1192	-	-	110	1301	-	-	-	-	14	264
3591	1	8	2	58	-	-	-	-	-	-	1	4
3592	121	998	-	-	62	1245	-	-	-	-	3	171
3593	-	-	-	-	6	777	-	-	-	-	-	-
3594	16	451	2	14	35	2486	-	-	-	-	1	23
3595	8	137	-	-	6	82	1	12	-	-	1	327
3596	23	331	-	-	63	4851	-	-	-	-	4	400
3597	1	14	-	-	57	2613	-	-	-	-	2	33
3598	1	4	1	17	5	194	-	-	-	-	-	-
3599	134	2598	-	-	48	1808	-	-	-	-	1	31
FRM YTD	1733	7697	48	118	3569	28001	1992	196	12	13	146	1745
TOT YTD	3545	21212	138	862	38513	328596	333396	45884	15	83	2943	26841

JANUARY - JUNE 1981 - U.S. IMPORTS OF MACHINE TOOLS
Total and Countries of Origin

The following is a breakdown of the activity by country which is included in the ALL OTHER column on page 4.

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
EUROPE						
AZORES	-	-	-	-	-	-
BULGARIA	102	545	-	-	102	545
CYPRUS	-	-	-	-	-	-
FINLAND	149	36	20	5	169	41
GREECE	20	88	-	-	20	88
HUNGARY	19	743	-	-	19	743
ICELAND	-	-	-	-	-	-
IRELAND	5	41	-	-	5	41
ROMANIA	237	4004	1	15	238	4019
USSR	5	36	-	-	5	36
GIBRALTAR	-	-	-	-	-	-
TOTAL	537	5492	21	20	558	5512
OTHER N.AC.AM						
BAHAMAS	-	-	-	-	-	-
BARBADOS	-	-	-	-	-	-
BELIZE	-	-	-	-	-	-
BERMUDA	-	-	-	-	-	-
CAYMAN	-	-	-	-	-	-
COSTA RICA	-	-	-	-	-	-
DOMINICAN REP.	-	-	-	-	-	-
FR. W. INDIES	-	-	-	-	-	-
GUATEMALA	-	-	-	-	-	-
HAITI	8	1	-	-	8	1
HONDURAS	-	-	-	-	-	-
JAMAICA	-	-	-	-	-	-
LW & WW IS.	-	-	-	-	-	-
MEXICO	9	5	12	723	21	728
NICARAGUA	-	-	-	-	-	-
N. ANTILLES	-	-	-	-	-	-
PANAMA	-	-	-	-	-	-
SALVADOR	1	2	1	1	2	2
TRINIDAD	-	-	-	-	-	-
TOTAL	18	7	13	724	31	731
OTHER S. AMER						
ARGENTINA	7	280	2	1	9	280
BOLIVIA	-	-	-	-	-	-
BRAZIL	146	3582	24	68	170	3650
CHILE	-	-	-	-	-	-
COLOMBIA	-	-	-	-	-	-
ECUADOR	-	-	-	-	-	-
FRENCH GUIANA	-	-	-	-	-	-
GUYANA	-	-	-	-	-	-
PARAGUAY	-	-	-	-	-	-
PERU	-	-	-	-	-	-
SURINAM	-	-	-	-	-	-
URUGUAY	-	-	-	-	-	-
VENEZUELA	-	-	-	-	-	-
TOTAL	153	3862	26	69	179	3931
OTHER ASIA						
AFGHANISTAN	-	-	-	-	-	-
ADEN	-	-	-	-	-	-
ARAB EMIRATES	-	-	-	-	-	-
BAHRAIN	-	-	-	-	-	-
BANGLADASH	-	-	-	-	-	-
BRUNEI	-	-	-	-	-	-
BURMA	-	-	-	-	-	-
CHINA	242	1188	-	-	242	1188
GAZA STRIP	-	-	-	-	-	-
HONG KONG	229	129	1	2	230	131
INDONESIA	-	-	-	-	-	-
IRAN	-	-	-	-	-	-
IRAQ	-	-	-	-	-	-
ISRAEL	3	70	35	703	38	773
JORDAN	-	-	-	-	-	-
KOREAN REP.	935	6987	4	16	939	7003
KUWAIT	-	-	-	-	-	-
LEBANON	-	-	-	-	-	-
MALAYSIA	2	4	-	-	2	4
NEPAL	-	-	-	-	-	-
OMAN	-	-	-	-	-	-
PAKISTAN	-	-	-	-	-	-
PHILLIPINES	-	-	-	-	-	-
QATAR	-	-	-	-	-	-
SAUDI ARABIA	-	-	-	-	-	-
SINGAPORE	675	7352	42	41	717	7393
SRI LANKA	-	-	-	-	-	-
SYRIA	-	-	1	1	1	1
THAILAND	-	-	-	-	-	-
TURKEY	-	-	-	-	-	-
YEMEN	-	-	-	-	-	-
TOTAL	2086	15731	83	763	2169	16494

	METAL CUTTING UNITS	METAL CUTTING $000	METAL FORMING UNITS	METAL FORMING $000	TOTAL UNITS	TOTAL $000
OTHER OCEANIA						
FR. PAC. IS.	-	-	-	-	-	-
NEW GUINEA	-	-	-	-	-	-
NEW ZEALAND	-	-	1	165	1	165
TERR. PAC. IS.	-	-	-	-	-	-
OTH. PAC. IS.	-	-	-	-	-	-
TOTAL	-	-	1	165	1	165
OTHER AFRICA						
BOTSWANA	-	-	-	-	-	-
ALGERIA	1	1	-	-	1	
ANGOLA	-	-	-	-	-	-
BENIN	-	-	-	-	-	-
CAMEROON	-	-	-	-	-	-
CANARY ISLANDS	-	-	-	-	-	-
DAHOMEY	-	-	-	-	-	-
EGYPT	-	-	-	-	-	-
ETHIOPIA	-	-	-	-	-	-
GABON	-	-	-	-	-	-
GHANA	-	-	-	-	-	-
GUINEA	-	-	-	-	-	-
KENYA	-	-	-	-	-	-
LESOTHO	-	-	-	-	-	-
LIBERIA	-	-	-	-	-	-
LIBYA	-	-	-	-	-	-
MALAWI	-	-	-	-	-	-
MAURITANIA	-	-	-	-	-	-
MOROCCO	-	-	-	-	-	-
MOZAMBIQUE	-	-	-	-	-	-
NIGER	-	-	-	-	-	-
NIGERIA	-	-	-	-	-	-
REP. S. AFRICA	1	1	2	4	3	
RWANDA	-	-	-	-	-	-
SENEGAL	-	-	-	-	-	-
SIERRA LEONE	-	-	-	-	-	-
SOMALIA	-	-	-	-	-	-
S. W. AFRICA	-	-	-	-	-	-
SUDAN	-	-	-	-	-	-
SWAZILAND	-	-	-	-	-	-
TANZANIA	-	-	-	-	-	-
TUNISIA	-	-	-	-	-	-
ZIMBABWE	-	-	-	-	-	-
WEST AFRICA	-	-	-	-	-	-
ZAIRE	-	-	-	-	-	-
TOTAL	2	2	2	4	4	